



# Works Approval

## *Environmental Protection Act 1986, Part V*

**Works Approval Holder:** Cleanaway Pty Ltd

**Works Approval Number:** W5983/2016/1

**Registered office:** 441 St Kilda Road  
MELBOURNE VIC 3004

**ACN:** 000 164 938

**Premises address:** Guildford Materials Recovery Facility  
Lot 62 on Diagram 60242  
72 Hyne Road  
SOUTH GUILDFORD WA 6055  
as depicted in Schedule 1.

**Issue date:** Thursday, 24 November 2016

**Commencement date:** Monday, 28 November 2016

**Expiry date:** Wednesday, 28 February 2018

The following category/s from the *Environmental Protection Regulations 1987* cause this Premises to be a prescribed premises for the purposes of the *Environmental Protection Act 1986*:

Category number	Category description	Category production or design capacity	Premises production or design capacity
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.	1,000 tonnes or more per year.	500,000 tonnes per annual period.
62	Solid Waste depot: premises on which waste is stored, or sorted, pending final disposal or re-use.	500 tonnes per annual period	500,000 tonnes per annual period

### Conditions of Works Approval

Subject to the conditions of the works approval set out in the attached pages.

Date signed: 24 November 2016

.....  
Stephen Checker  
MANAGER LICENSING (WASTE INDUSTRIES)  
Officer delegated under section 20  
of the *Environmental Protection Act 1986*



# Works Approval Conditions

## 1 General

### 1.1 Interpretation

1.1.1 In the Works Approval, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 In the Works Approval, unless the contrary intention appears:

**'Act'** means the *Environmental Protection Act 1986*;

**'annual period'** means a 12 month period commencing from 1 July until 30 June in the following year;

**'CEO'** means Chief Executive Officer of the Department of Environment Regulation;

**'CEO'** for the purposes of notification means:

Chief Executive Officer  
Department Div.3 Pt.V EP Act  
Locked Bag 33 Cloisters Square  
Perth WA 6850  
info@der.wa.gov.au

**'Department'** means the department established under s.35 of the *Public Sector Management Act 1994* and designated as responsible for the administration of Division 3 Part V of the *Environmental Protection Act 1986*;

**'Finished Product Area'** means the dedicated area within the enclosed Material Recovery Facility (MRF) that temporarily stores recyclable material prior to transport off-site to downstream markets;

**'Leachate Collection System'** means the dedicate leachate collection system constructed within the Production Area to collect leachate and direct it to a self-bunded impervious holding tank;

**'Premises'** means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Works Approval;

**'Production Area'** means the dedicated area within the enclosed MRF that processes recyclable material which will travel through a system of conveyors and equipment in the production area for screening and sorting which includes pre-sorting optical sorting, ferrous magnet, HDPE, aluminium and mixed plastics separation processes prior to transfer to the Finished Product Area;

**'Tipping Area'** means dedicated area within the enclosed MRF that initially receives recyclable materials;

**'Works'** means the construction of a Material Recovery Facility (MRF) including the Warehouse building, Hardstand within and external to the warehouse building, loading docks, metering bins, separators/screening equipment, glass crusher, conveyors, balers and leachate holding tank;

**'Works Approval'** means this Works Approval numbered W5983/2016/1 and issued under the *Environmental Protection Act 1986*; and



**'Works Approval Holder'** means the person or organisation named as the Works Approval Holder on page 1 of the Works Approval.

- 1.1.3 Any reference to an Australian or other standard in the Works Approval means the relevant parts of the standard in force from time to time during the term of this Works Approval.
- 1.1.4 Any reference to a guideline or code of practice in the Works Approval means the current version of the guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guidelines or code of practice made during the term of this Works Approval.



**1.2 General conditions**

1.2.1 The Works Approval Holder must ensure that the Works specified in Column 1 of Table 1.2.1 meet or exceed the specifications in Column 2 of Table 1.2.1 for the infrastructure in each row of Table 1.2.1.

1.2.2 The Works Approval Holder must not depart from the specifications in Column 1 and 2 for the infrastructure in each row of Table 1.2.1 except:

- a) where such departure is minor in nature and does not materially change or affect the infrastructure; or
- b) where such departure improves the functionality of the infrastructure and does not increase risks to public health, public amenity or the environment; and in accordance with all other conditions in this Works Approval.

**Table 1.2.1: Works specifications**

<b>Column 1</b>	<b>Column 2</b>
<b>Infrastructure</b>	<b>Specifications (design and construction)</b>
1) Warehouse Building	<p>The Warehouse building must be constructed so that;</p> <ul style="list-style-type: none"> <li>(i) it fully encloses the Tipping Area, Production Area and Finished Product Area;</li> <li>(ii) the Tipping Area will comprise a maximum area of 2,500m<sup>2</sup>;</li> <li>(iii) the Production Area will comprise a maximum area of 5,000m<sup>2</sup>;</li> <li>(iv) the Finished Product Area will comprise a maximum area of 2,500m<sup>2</sup>;</li> <li>(v) it includes 5m high structural concrete push walls to the Tipping Area;</li> <li>(vi) the floor is constructed:               <ul style="list-style-type: none"> <li>i) of reinforced concrete that has a permeability of no less than 1x10<sup>-9</sup> m/s;</li> <li>ii) is designed to allow for unlimited repetitions of 43 tonne vehicles 14630mm long trailer (48 foot trailers);</li> <li>iii) is designed to allow unlimited repetitions of 3 tonne SWL forklift with 6 tonne maximum front axle load (solid tyres);</li> <li>iv) has a uniformly distributed load of 25 kPa;</li> <li>v) the design of joints to the concrete slab shall accommodate the loading and repetition requirements for both line haul and forklift (solid tyres) movements;</li> <li>vi) the Tipping Area floor is to meet a compressive strength of at least 6000 psi and incorporate finished hardened concrete floor to accommodate scraping of floors from excavators; and</li> <li>vii) the floor is adequately sloped so that any leachate generated within the Tipping Area and Production Area reports to the Leachate Collection System.</li> </ul> </li> </ul>
2) Material recycling equipment	<p>The material recycling equipment listed in Schedule 2 of this works approval must only be constructed and installed;</p> <ul style="list-style-type: none"> <li>i) within the Production Area and Tipping Area of the MRF warehouse; and</li> <li>ii) within areas serviced by the Leachate Collection System.</li> </ul>
3) Leachate Collection System	<p>The Leachate Collection System must be constructed so that;</p> <ul style="list-style-type: none"> <li>i) the system is designed to service and operate within the Tipping Area and Production Area floor so that no leachate escapes from these areas in the MRF warehouse and is discharged externally;</li> </ul>



	<ul style="list-style-type: none"><li>ii) all drain collection points, pipes and holding tanks consist of impervious material;</li><li>iii) all leachate generated within the Tipping Area and Production Area reports to an individual holding tank within each respective area;</li><li>iv) the holding tank in the Tipping Area and Production Area is designed to be serviceable so that residual leachate can be pumped out of the holding tanks for removal and disposal off-site; and</li><li>v) each holding tank in the Tipping Area and Production Area has a high level alarm installed so that an audible alarm is triggered when the high level mark is reached so that leachate levels do not rise above the holding tank lid and spill onto the floor.</li></ul>
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## 2 Information

### 2.1 Reporting

- 2.1.1 Subject to Condition 1.2.2, the Works Approval Holder must, at least 21 days prior to the commencement of the Works, provide to the CEO detailed engineering and construction drawings and plans that are certified by a suitably qualified professional engineer that each item of infrastructure specified in Column 1 of Table 1.2.1 meets or exceeds the specifications in Column 2 of Table 1.2.1 for the infrastructure in each row of Table 1.2.1.
- 2.1.2 If departures under Condition 1.2.2 apply, then the Works Approval must provide the CEO with a list of departures which are certified as complying with Condition 1.2.2 at the same time as the certifications under Condition 2.1.3.
- 2.1.3 The Works Approval Holder must submit a construction compliance document to the CEO, following the construction of the Works.
- 2.1.4 The Works Approval Holder must ensure the construction compliance document:
  - (a) is certified by a suitably qualified professional engineer or builder that each item of infrastructure specified in Condition 1.2.1, Table 1.2.1 has been constructed in accordance with the Conditions of the Works Approval with no material defects; and
  - (b) be signed by a person authorised to represent the Works Approval Holder and contain the printed name and position of that person within the company.

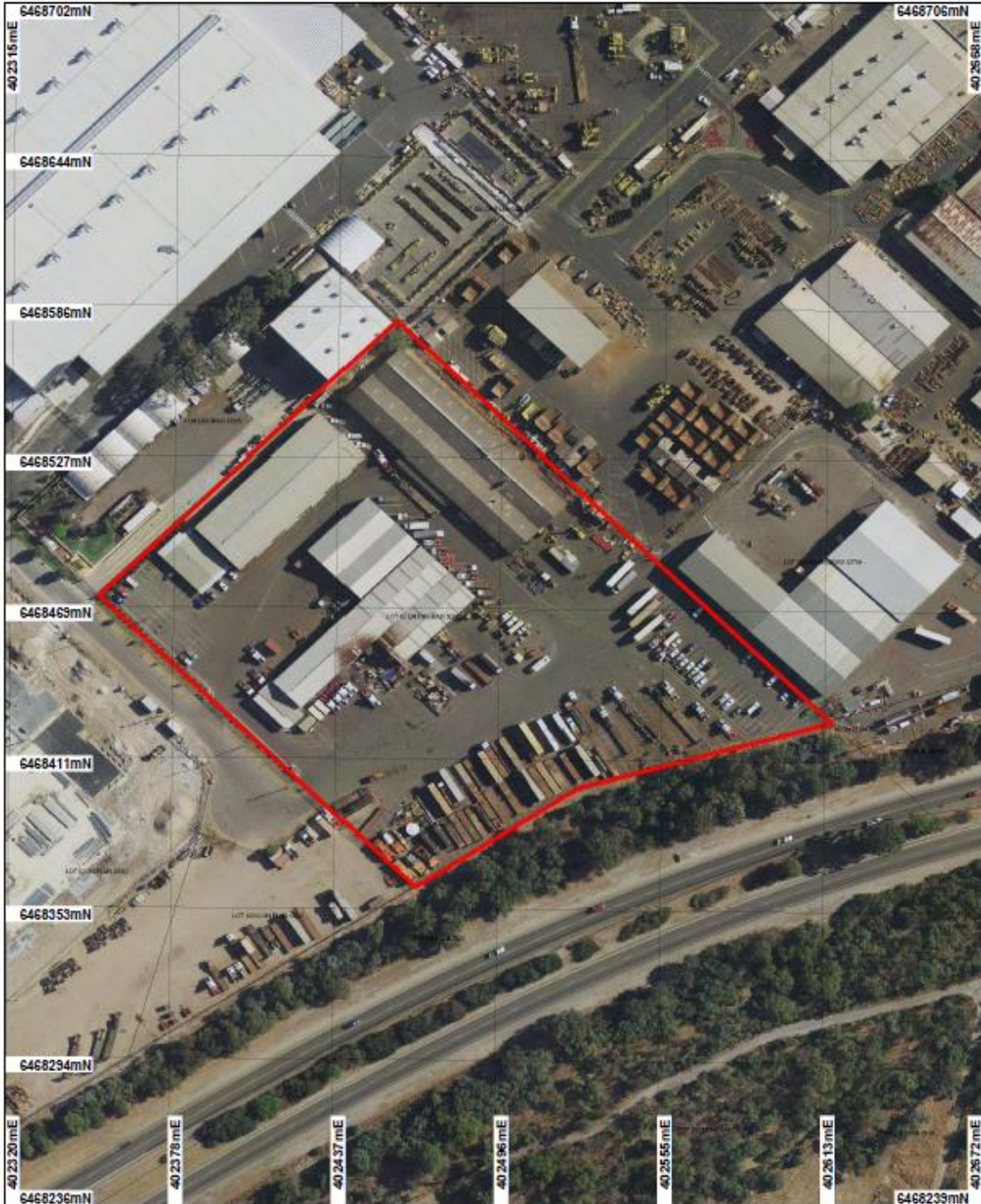




## Schedule 1: Maps

### Premises map

The Premises is shown in the map below. The red line depicts the Premises boundary.





## Schedule 2: Equipment List

### Equipment Detail

February 24, 2016

Item #	Model #	Description	Width	Length	HP	Quantity
<b>Equipment</b>						
E001	MB-30	Metering Bin Metric Equivalent Capacity: 30 cu. yd. (23 cu. m) Metering Bin Head Chute			25,2 18.6, 1.5 kW	1
E002	MB-30	Metering Bin Metric Equivalent Capacity: 30 cu. yd. (23 cu. m) Metering Bin Head Chute			25,2 18.6, 1.5 kW	1
E003	BB90	Bag Breaker Metric Equivalent Motors: SEW 20 HP / 3 HP (15 kW, 2.2 kW) Access doors: 2 access doors - 43" x 52" (1090mm x 1320mm) Control Panel in NEMA 12 Enclosure	90"	2300mm	20, 3 14.9, 2.2 kW	1
	BBIS&UC	BB Infeed & Unders Chute				1
E004	DR578-11-10-762	BHS OCC Separator* Line #1 Metric Equivalent	78"	2000mm	5, 5 3.7, 3.7 kW	1
	OCCUCTD	DRS #1 Unders Chute #1				1
E005	DR578-11-10-762	BHS OCC Separator* Line #2 Metric Equivalent	78"	2000mm	5, 5 3.7, 3.7 kW	1
	OCCUCTD	DRS #1 Unders Chute #2				1
E006	DR572-13-13-236	BHS Debris Roll Screen* Line #1 Metric Equivalent	72"		5, 5 3.7, 3.7 kW	1
E007	DR572-13-13-236	BHS Debris Roll Screen* Line #2 Metric Equivalent	72"		5, 5 3.7, 3.7 kW	1
E009	NS120-24F	BHS NewSorter* Line #1 Metric Equivalent Shafts: 24 total IFO: Variable Motors: SEW (2) 5 HP, 7.5 HP ((2) 4.0 kW, 5.5 kW)	120"	3030mm	5, 7.5, 5, 3 3.7, 5.6, 3.7, 2.2 kW	1
	NS-2SUC >120	NS Unders Chute Line #1				1
E010	NS120-24F	BHS NewSorter* Line #2 Metric Equivalent Shafts: 24 total IFO: Variable Motors: SEW (2) 5 HP, 7.5 HP ((2) 4.0 kW, 5.5 kW)	120"	3030mm	5, 7.5, 5, 3 3.7, 5.6, 3.7, 2.2 kW	1
	NS-2SUC >120	NS Unders Chute Line #2				1
	NS-OC >120	NS Overs Chute Line #2				1
E015	DRS84-13-236	BHS Debris Roll Screen* #3 Metric Equivalent	84"		5 4 kW	1
	DRSUC	DRS Unders Chute				1
E016	PS144-24F	BHS Polishing Screen Metric Equivalent Shafts: 24 total IFO: 2" x 2" (51mm x 51mm) Motors: SEW (2) 7.5 HP, 10 HP ((2) 5.5 kW, 7.5 kW)	144"	3630mm	7.5, 10, 7.5 5.6, 7.5, 5.6 kW	1
	PS-3SUC >120	PS Third Sort Chute				1
	PS-CSUC >120	PS Container Chute				1
	PS-OC >120	PS Overs Chute				1
E026	CBin-C	Ferrous Container Bin Metric Equivalent			3 2 kW	1
E027	CBin-C	PE Container Bin				1
E028	CBin-C	Mixed Plastics Container Bin				1

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**Equipment Detail**

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Item #	Model #	Description	Width	Length	HP	Quantity
E029	CBin-C	Aluminum Container Bin				1
E030	CBin-C	PET Container Bin				1
E031	PBGW-H	Container Gate #1			1	1
		Metric Equivalent			1 kW	
		Photo Eye Qty				3
E032	PBGW-H	Container Gate #2			1	1
		Metric Equivalent			1 kW	
		Photo Eye Qty				3
E050	PBGW-HC	News Bunker Door #1			1	1
		Metric Equivalent			1 kW	
		Photo Eye Qty				3
E051	PBGW-HC	News Bunker Door #2			1	1
		Metric Equivalent			1 kW	
		Photo Eye Qty				3
E052	PBGW-HC	Mixed Fiber Bunker Door #1				1
		Photo Eye Qty				3
E053	PBGW-HC	Mixed Fiber Bunker Door #2				1
		Photo Eye Qty				3
E054	PBGW-HC	OCC Bunker Door #1				1
		Photo Eye Qty				3
E055	PBGW-HC	OCC Bunker Door #2				1
		Photo Eye Qty				3
E056	PNR	Splitter Chute (w/powerd nose rolle			1	1
		Metric Equivalent			1 kW	
E008	MAG-36	Fines Magnet			3	1
		Metric Equivalent			1 kW	
		Type of Magnet: Permanent				
		Belt Orientation: Cross Belt				
		Belt Type: Rubber				
		Extension Required: Not Included				
		Magnet Vendor Model Number: UMP-9080				
E011	ColorPlus96R	NRT Optical Up Eject - Browns #1	96"		0.5	1
		Metric Equivalent	2450mm		0 kW	
		Ejection Valve Block				
		Integrated Ejection Hood				
		Splitter Roller and Drive				
		Splitter Chute				
		Electrical Control Panel				
E012	ColorPlus96R	NRT Optical Up Eject - Browns #2	96"		0.5	1
		Metric Equivalent	2450mm		0 kW	
		Ejection Valve Block				
		Integrated Ejection Hood				
		Splitter Roller and Drive				
		Splitter Chute				
		Electrical Control Panel				
E013	LPV96-2	NRT Optical Air Curtain - Browns #1				1
E014	LPV96-2	NRT Optical Air Curtain - Browns #2				1

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**Equipment Detail**

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Item #	Model #	Description	Width	Length	HP	Quantity
E017	SpydIR-96R	NRT Optical Up Eject - Polymers Metric Equivalent Ejection Valve Block Integrated Ejection Hood Splitter Roller and Drive Splitter Chute Electrical Control Panel	96" 2450mm		0.5 0 kW	1
E018	LPV96-2	NRT Optical Air Curtain - Polymers				1
E019	SpydIR-84R	NRT Optical Up Eject - 3d Fiber Metric Equivalent Ejection Valve Block Integrated Ejection Hood Splitter Roller and Drive Splitter Chute Electrical Control Panel	84" 2150mm		0.5 0 kW	1
E020	MAG-42	Container Line Magnet Metric Equivalent Type of Magnet: Electro Magnet Belt Orientation: Cross Belt Belt Type: Rubber Extension Required: Not Included Magnet Vendor Model Number: UME-95110R			4 3 kW	1
E021	SpydIR-84R	NRT Optical Up Eject - PE Metric Equivalent Ejection Valve Block Integrated Ejection Hood Splitter Roller and Drive Splitter Chute Electrical Control Panel	84" 2150mm		0.5 0 kW	1
E022	SpydIR-96T	NRT Optical Up Eject - PET Metric Equivalent Ejection Valve Block Integrated Ejection Hood Splitter Roller and Drive Splitter Chute Electrical Control Panel	96" 2450mm		0.5 0 kW	1
E023	SpydIR-60R	NRT Optical Up Eject - Mixed Plastics Metric Equivalent Ejection Valve Block Integrated Ejection Hood Splitter Roller and Drive Splitter Chute Electrical Control Panel	60" 1500mm		0.5 0 kW	1
E024	ECSNES150-5005	Container Line Eddy Current Separator Metric Equivalent	60" 1500mm		5,7.5 3.7, 5.6 kW	1
E025	SpydIR-72R	NRT Optical Up Eject - QC PE & Mixed Plastics Metric Equivalent Ejection Valve Block Integrated Ejection Hood Splitter Roller and Drive Splitter Chute Electrical Control Panel	72" 1850mm		0.5 0 kW	1

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## Equipment Detail

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Item #	Model #	Description	Width	Length	HP	Quantity
E033	KWF	OCC Walking Floor Metric Equivalent			40 30 kW	1
E034	KWF	Mixed Fiber Walking Floor Metric Equivalent			40 30 kW	1
E035	KWF	News Walking Floor Metric Equivalent			40 30 kW	1
E036	CR	Sort Cabin #2 Metric Equivalent HVAC for Cabins/Rooms Control Room Square Footage: 3105 Sq Feet			10 8 kW	1
E037	CR	Sort Cabin #1 Metric Equivalent HVAC for Cabins/Rooms Control Room Square Footage: 2146 Sq Feet			10 8 kW	1
E038	SDS800-I	Nihot Single Drum Separator #1 Metric Equivalent Infeed Conveyor: PIC 800mm x 1950mm Splitter Drum Light Weight Conveyor LWC: 800mm x 6250mm Recirculation Fan: RF 40 Dust Filter and Dust Ducting Wear Resistant Design			20,7.5,3,2 14.9, 5.6, 2.2, 1.5 kW	1
E039	SDS650-I	Nihot Single Drum Separator #2 Metric Equivalent Infeed Conveyor: PIC 650mm x 1950mm Splitter Drum Light Weight Conveyor LWC: 800mm x 5250mm Recirculation Fan: RF 40 Dust Filter and Dust Ducting: Excluded Wear Resistant Design			20,7.5,3,2 14.9, 5.6, 2.2, 1.5 kW	1
E040		Glass Crusher Metric Equivalent			2x20 2x14.9 kW	1
E041		Vibratory Screen Metric Equivalent			7.5,7.5 5.6, 5.6 kW	1
E042	RAS-22_RVS	Nihot Film Rotary Air Separator				1
E043	GB1175TR-120	Container Baler - Godswill GB1175TR 120HP twin ram auto tie baler Metric Equivalent			120 90 kW	1
E044	GB 1111F 2518	Fiber Baler - Godswill GB1111F 2518 180HP auto baler Metric Equivalent			180 135 kW	1
E045	HPU-WFT	Walking Floor Trailer Loadout HPU Metric Equivalent			15 11 kW	1

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Item #	Model #	Description	Width	Length	HP	Quantity
E046	ACP-1050-TAS	Air Compressors Metric Equivalent CA. Title 24 Compliance Not Included Air Compressors PKG Model No: ACP-1050-TAS AC PKG Description: (3) 75 Hp Air Compressors (Hi Dust) AC Pkg Tank Size: Horizontal Dry Tank 1550 Gallon Drain Valve: ENL-5 Electric No Loss Drain Valve Oil Water Separator: Included Safety Valve: Included Pressure Gauge: Included Manual Drain Valve: Included Sequencer: Not Applicable Air Piping: Included			75,75,75 55.9, 55.9, 55.9 kW	1
E047	HPU-KWF	Fiber Walking Floor HPU Metric Equivalent			1.5,3 1.1, 2.2 kW	1
E048	49TR10HEI	Nihot Dust Collector Metric Equivalent Pipe Selection: -Spiral Lock Pipe: - 14" dia. Elbow Selection: -Pneumatic 90 degree Elbows & Transitions-14" dia.	14" 350mm		2 2 kW	1
E049	FCS-3-8	Film Collection Hoods Metric Equivalent Pipe Selection: -Spiral Lock Pipe: - 8" dia. Trunk Pipe Selection: -Spiral Lock Pipe: - 14" dia. Elbow Selection: -Pneumatic 90 degree Elbows & Transitions-8" dia. Trunk Elbow Selection: -Pneumatic 90 degree Elbows & Transitions-14" dia.			25 19 kW	1

Item #	Model #	Description	Width	Length	HP	Quantity
<b>Conveyors</b>						
C001	CBI-60	System Infeed Chainbelt Line #1 Metric Equivalent Conveyor Type: Chainbelt Conveyor Hopper E-Stop Station(s) InFeed Chute Photo Eyes Pit Plates Support Bents	60" 1500mm	83' 25m	25 1 kW	1  2 2
C002	CBI-60	System Infeed Chainbelt Line #2 Metric Equivalent Conveyor Type: Chainbelt Conveyor Hopper E-Stop Station(s) InFeed Chute Photo Eyes Pit Plates Support Bents	60" 1500mm	98' 30m	25 1 kW	1  2 2

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Item #	Model #	Description	Width	Length	HP	Quantity
C003	LPSS-60	Presort Conveyor Line #1	60"	97'	8	1
		Metric Equivalent	1500mm	30m	6 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
		Conveyor Under Skirting				
		Emergency Pull Cord				
Start Stop Station						
C004	LPSS-60	Presort Conveyor Line #2	60"	92'	8	1
		Metric Equivalent	1500mm	28m	6 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
		Conveyor Under Skirting				
		Emergency Pull Cord				
Start Stop Station						
C005	LPST-60	Bags Return Conveyor #1	60"	50'	3	1
		Metric Equivalent	1500mm	15m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C006	LPST-60	Bags Return Conveyor #2	60"	50'	3	1
		Metric Equivalent	1500mm	15m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C008	LPSTC-48	Bags Return Conveyor #3	48"	65'	5	1
		Metric Equivalent	1200mm	20m	4 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C009	LPST-72	OCC Transfer Conveyor #1	72"	43'	3	1
		Metric Equivalent	1850mm	13m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C010	LPSTC-72	NS Infeed Conveyor #1	72"	35'	3	1
		Metric Equivalent	1850mm	11m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
C011	LPSTC-72	NS Infeed Conveyor #2	72"	36'	3	1
		Metric Equivalent	1850mm	11m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				

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Item #	Model #	Description	Width	Length	HP	Quantity
C012	ICC-60	Fines Collection Conveyor #1	60"	33'	3	1
		Metric Equivalent	1500mm	10m	2 kW	
		Conveyor Type: Idler				
		Support Bents				
		Skirt Walls				
C013	ICC-60	Fines Collection Conveyor #2	60"	34'	3	1
		Metric Equivalent	1500mm	10m	2 kW	
		Conveyor Type: Idler				
		Support Bents				
		Skirt Walls				
C014	IC-36	Fines Collection Conveyor #3	36"	40'	3	1
		Metric Equivalent	900mm	12m	2 kW	
		Conveyor Type: Idler				
		Support Bents				
		Skirt Walls				
C015	ICC-36	Fines Collection Conveyor #4	36"	31'	3	1
		Metric Equivalent	900mm	9m	2 kW	
		Conveyor Type: Idler				
		Support Bents				
		Skirt Walls				
C016	ICC-36	SDS Infeed Conveyor	36"	73'	5	1
		Metric Equivalent	900mm	22m	4 kW	
		Conveyor Type: Idler				
		Support Bents				
		Skirt Walls				
C017	ICC-48	Heavies Transfer Conveyor	48"	32'	3	1
		Metric Equivalent	1200mm	10m	2 kW	
		Conveyor Type: Idler				
		Support Bents				
		Skirt Walls				
C018	ICC-48	Glass Crusher Transfer Conveyor	48"	24'	3	1
		Metric Equivalent	1200mm	7m	2 kW	
		Conveyor Type: Idler				
		Support Bents				
		Skirt Walls				
C019	LPST-72	OCC Transfer Conveyor #2	72"	62'	5	1
		Metric Equivalent	1850mm	19m	4 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
		Conveyor Chute Large				

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Item #	Model #	Description	Width	Length	HP	Quantity
C020	LPSS-72	OCC Postsort Conveyor Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Under Skirting Emergency Pull Cord Post Sort Conveyor End Enclosure	72" 1850mm	28' 9m	3 2 kW	1
C021	LPSTC-60	NS Unders Line #1 Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Large	60" 1500mm	32' 10m	3 2 kW	1
C022	LPSTC-60	NS Unders Line #2 Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Large	60" 1500mm	32' 10m	3 2 kW	1
C023	ACL-96	NRT Optical Accel Conveyor - Browns #1 Metric Equivalent Conveyor Type: Acceleration Support Bents Skirt Walls	96" 2400mm	14' 4m	10 8 kW	1
C024	ACL-96	NRT Optical Accel Conveyor - Browns #2 Metric Equivalent Conveyor Type: Acceleration Support Bents Skirt Walls	96" 2400mm	14' 4m	10 8 kW	1
C025	LPST-36	Browns Collection Conveyor Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Small	36" 900mm	28' 9m	3 2 kW	1
C026	LPST-36	News Collection Conveyor #1 Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Small	36" 900mm	24' 7m	3 2 kW	1
C027	LPSTC-36	News Transfer Conveyor Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Small	36" 900mm	44' 13m	3 2 kW	1

Transpacific Cleanaway – Bayswater, Australia - BHS Order Confirmation 15-0049-DV8 - Reference Drawing 15-0049-55D1D



**Equipment Detail**

February 24, 2016

Item #	Model #	Description	Width	Length	HP	Quantity
C028	LPSS-60	NS Postsort Conveyor #2 Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Under Skirting Emergency Pull Cord Post Sort Conveyor End Enclosure	60" 1500mm	52' 16m	5 4 kW	1
C029	LPSTC-72	DRS #2 Infeed Conveyor Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls	72" 1850mm	39' 12m	3 2 kW	1
C030	LPSTC-54	News Collection Conveyor #2 Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Large	54" 1400mm	27' 8m	3 2 kW	1
C031	IC-18	Fines Collection Conveyor #5 Metric Equivalent Conveyor Type: Idler Support Bents Skirt Walls Conveyor Chute Small Conveyor Bend	18" 450mm	75' 23m	3 2 kW	1
C032	LPST-36	Mixed Fiber Transfer Conveyor Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Small	36" 900mm	67' 20m	5 4 kW	1
C033	LPSTC-36	Containers Transfer Conveyor #1 Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Small	36" 900mm	23' 7m	3 2 kW	1
C034	HDPC-60	Containers Transfer Conveyor #2 Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Large Conveyor Hopper	60" 1500mm	31' 9m	3 2 kW	1
C035	ACL-84	NRT Optical Accel Conveyor - 3D Fiber Metric Equivalent Conveyor Type: Acceleration Support Bents Skirt Walls	84" 2100mm	18' 5m	10 8 kW	1

Transpacific Cleanaway – Bayswater, Australia - BHS Order Confirmation 15-0049-DV8 - Reference Drawing 15-0049-55D1D



**Equipment Detail**

February 24, 2016

Item #	Model #	Description	Width	Length	HP	Quantity
C036	LPSTC-30	Third Sort Transfer Conveyor	30"	47'	3	1
		Metric Equivalent	750mm	14m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
		Conveyor Chute Small				
C037	ACL-96	NRT Optical Accel Conveyor - Polymers	96"	14'	10	1
		Metric Equivalent	2400mm	4m	8 kW	
		Conveyor Type: Acceleration				
		Support Bents				
		Skirt Walls				
C038	LPSTC-36	Containers Transfer Conveyor #6	36"	101'	10	1
		Metric Equivalent	900mm	31m	8 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Gravity Take Up				
		Skirt Walls				
		Conveyor Bend				
		Stainless Steel Section				
		Conveyor Hopper				
C039	LPSTC-30	Mixed Fiber Transfer Conveyor #2	30"	31'	3	1
		Metric Equivalent	750mm	9m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
		Conveyor Chute Small				
C040	LPSTC-30	Mixed Fiber Transfer Conveyor #1	30"	47'	3	1
		Metric Equivalent	750mm	14m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
		Conveyor Chute Small				
C041	LPST-36	MP Transfer Conveyor	36"	25'	3	1
		Metric Equivalent	900mm	8m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
		Conveyor Chute Small				
C042	LPSSC-48	PS Postsort Conveyor	48"	37'	3	1
		Metric Equivalent	1200mm	11m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
		Conveyor Bend				
		Conveyor Under Skirting				
		Emergency Pull Cord				
		Post Sort Conveyor End Enclosure				
C043	LPS-48	Mixed Fiber Postsort Reversing Conveyor	48"	10'	3	1
		Metric Equivalent	1200mm	3m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
		Reversing Conveyor				

Transpacific Cleanaway – Bayswater, Australia - BHS Order Confirmation 15-0049-DV8 - Reference Drawing 15-0049-55D1D



**Equipment Detail**

February 24, 2016

Item #	Model #	Description	Width	Length	HP	Quantity
C044	LPS-54	News Postsort Reversing Conveyor #2 Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Reversing Conveyor	54" 1400mm	10' 3m	3 2 kW	1
C045	LPS-54	News Postsort Reversing Conveyor #1 Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Reversing Conveyor	54" 1400mm	10' 3m	3 2 kW	1
C046	LPST-72	News Leveling Conveyor Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls	72" 1850mm	56' 17m	5 4 kW	1
C047	LPST-72	Mixed Fiber Leveling Conveyor Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls	72" 1850mm	56' 17m	5 4 kW	1
C048	LPST-72	OCC Leveling Conveyor Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls	72" 1850mm	56' 17m	5 4 kW	1
C049	LPST-36	Residue Transfer Conveyor #3 Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Small	36" 900mm	23' 7m	3 2 kW	1
C050	LPST-48	Residue Transfer Conveyor #2 Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Large	48" 1200mm	23' 7m	3 2 kW	1
C051	LPST-48	Residue Transfer Conveyor #1 Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Large	48" 1200mm	23' 7m	3 2 kW	1
C052	LPST-24	Scrap Aluminum Conveyor Metric Equivalent Conveyor Type: Sliderbed Support Bents Skirt Walls Conveyor Chute Small	24" 600mm	54' 16m	3 2 kW	1

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## Equipment Detail

February 24, 2016

Item #	Model #	Description	Width	Length	HP	Quantity
C053	LP55-30	Residue QC Conveyor	30"	79'	8	1
		Metric Equivalent	750mm	24m	6 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
		Conveyor Chute Small				
		Conveyor Bend				
		Conveyor Under Skirting				
		Emergency Pull Cord				
		Post Sort Conveyor End Enclosure				
C054	LPSTC-48	Residue Loadout Conveyor #1	48"	128'	10	1
		Metric Equivalent	1200mm	39m	8 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Gravity Take Up				
		Skirt Walls				
		Conveyor Chute Large				
		Conveyor Bend				
		Conveyor Hopper				
		C055	LPST-48	Residue Loadout Conveyor #2	48"	
Metric Equivalent	1200mm			37m	8 kW	
Conveyor Type: Sliderbed						
Support Bents						
Gravity Take Up						
Skirt Walls						
Conveyor Chute Large						
Conveyor Bend						
Conveyor Hopper						
C056	LPST-48			Residue Reversing Conveyor	48"	16'
		Metric Equivalent	1200mm	5m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Conveyor Chute Large				
C057	LPSTC-36	Containers Transfer Conveyor #7	36"	36'	3	1
		Metric Equivalent	900mm	11m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C058	LPST-60	PE Optical Feed Conveyor	60"	15'	3	1
		Metric Equivalent	1500mm	5m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C059	ACL-84	NRT Optical Accel Conveyor - PE	84"	18'	10	1
		Metric Equivalent	2100mm	5m	8 kW	
		Conveyor Type: Acceleration				
		Support Bents				
		Skirt Walls				

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**Equipment Detail**

February 24, 2016

Item #	Model #	Description	Width	Length	HP	Quantity
C060	LDP-24	PE QC Conveyor #1	24"	14'	2	1
		Metric Equivalent	600mm	4m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C061	LDP-24	PE QC Conveyor #2	24"	22'	2	1
		Metric Equivalent	600mm	7m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C062	CS-48	PET Optical Feed Conveyor	48"	45'	3	1
		Metric Equivalent	1200mm	14m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C063	ACL-96	NRT Optical Accel Conveyor - PET	96"	18'	10	1
		Metric Equivalent	2400mm	5m	8 kW	
		Conveyor Type: Acceleration				
		Support Bents				
		Skirt Walls				
C064	LDP-24	PET QC Conveyor #1	24"	12'	2	1
		Metric Equivalent	600mm	4m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C065	LPSTC-24	PET QC Conveyor #2	24"	36'	2	1
		Metric Equivalent	600mm	11m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C066	LDP-24	PET QC Conveyor #3	24"	16'	2	1
		Metric Equivalent	600mm	5m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C067	LDP-24	PET QC Conveyor #4	24"	13'	2	1
		Metric Equivalent	600mm	4m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C068	ACL-60	NRT Optical Accel Conveyor - Mixed Plastics	60"	18'	8	1
		Metric Equivalent	1500mm	5m	6 kW	
		Conveyor Type: Acceleration				
		Support Bents				
		Skirt Walls				

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**Equipment Detail**

February 24, 2016

Item #	Model #	Description	Width	Length	HP	Quantity
C069	LDP-24	Residue Transfer Conveyor #9	24"	16'	2	1
		Metric Equivalent	600mm	5m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C070	LPSTC-30	Residue Transfer Conveyor #6	30"	62'	5	1
		Metric Equivalent	750mm	19m	4 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C071	LPSTC-24	Residue Transfer Conveyor #7	24"	22'	2	1
		Metric Equivalent	600mm	7m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C072	LPSTC-24	PE Transfer Conveyor #1	24"	33'	2	1
		Metric Equivalent	600mm	10m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C073	LPSTC-24	Mixed Plastics Transfer Conveyor #1	24"	26'	2	1
		Metric Equivalent	600mm	8m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C074	HDPC-30	Mixed Plastics Transfer Conveyor #2	30"	42'	3	1
		Metric Equivalent	750mm	13m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C075	HDPC-30	PE Transfer Conveyor #2	30"	42'	3	1
		Metric Equivalent	750mm	13m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C076	LPSTC-24	PET Transfer Conveyor	24"	30'	2	1
		Metric Equivalent	600mm	9m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C077	LPSTC-24	Aluminum Transfer Conveyor #1	24"	46'	2	1
		Metric Equivalent	600mm	14m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				

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**Equipment Detail**

February 24, 2016

Item #	Model #	Description	Width	Length	HP	Quantity
C078	LPST-24	Aluminum Transfer Conveyor #2	24"	17'	2	1
		Metric Equivalent	600mm	5m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C079	LPSS-24	Aluminum QC Conveyor	24"	32'	2	1
		Metric Equivalent	600mm	10m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C080	LDP-24	Aluminum Transfer Conveyor #3	24"	13'	2	1
		Metric Equivalent	600mm	4m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C081	CBI-60	Container Baler Infeed Chainbelt	60"	116'	30	1
		Metric Equivalent	1500mm	35m	1 kW	
		Conveyor Type: Chainbelt				
		E-Stop Station(s)			2	
		InFeed Chute			2	
C082	HDS-60	Containers Reversing Conveyor	60"	71'	5	1
		Metric Equivalent	1500mm	22m	4 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
C083	CBI-72	Fiber Baler Infeed Chainbelt	72"	122'	30	1
		Metric Equivalent	1850mm	37m	1 kW	
		Conveyor Type: Chainbelt				
		E-Stop Station(s)			2	
		InFeed Chute			2	
C084	ACL-72	NRT Optical Accel Conveyor - QC PE & Mixed Plastics	72"	18'	8	1
		Metric Equivalent	1850mm	5m	6 kW	
		Conveyor Type: Acceleration				
		Support Bents				
		Skirt Walls				

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## Equipment Detail

February 24, 2016

Item #	Model #	Description	Width	Length	HP	Quantity
C085	LP55-60	NS Postsort Conveyor #1	60"	87'	8	1
		Metric Equivalent	1500mm	27m	6 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Skirt Walls				
		Conveyor Bend				
		Conveyor Under Skirting				
		Emergency Pull Cord				
		Post Sort Conveyor End Enclosure				
C086	LPSTC-18	Container Return Conveyor #1	18"	54'	3	1
		Metric Equivalent	450mm	16m	2 kW	
		Conveyor Type: Sliderbed				
		Support Bents				
		Conveyor Bend				
<b>Structure</b>						
S001	PLAT-SORT	Presort Platform				1
		Platform Square Footage				1302
		Throw Chute 24" x 24" Qty				12
		Throw Chute 72" x 36" Qty				16
S002	PLAT-EQUIP	Bag Breaker Structure				1
		Platform Square Footage				219
S003	PLW	Presort Bunkers				1
S004	PLAT-EQUIP	OCC Structure & Platforms Line #1				1
		Platform Square Footage				258
S005	PLAT-EQUIP	OCC Structure & Platforms Line #2				1
		Platform Square Footage				269
S006	PLAT-EQUIP	DRS Platform #1				1
		Platform Square Footage				137
		Caged Ladders				
S007	PLAT-EQUIP	DRS Platform #2				1
		Platform Square Footage				150
S008	PLAT-NS-PS-P&S<	NS Structure & Platform Line #1				1
S009	PLAT-NS-PS-P&S<	NS Structure & Platform Line #2				1
S010	ST-MAG-SS	Fines Magnet Structure				1
S011	PLAT-EQUIP	NRT Optical Platform - Browns Line #1				1
		Platform Square Footage				225
S012	PLAT-EQUIP	NRT Optical Platform - Browns Line #2				1
		Platform Square Footage				205
S013	PLAT-EQUIP	DRS #3 Platform				1
		Platform Square Footage				46
		Caged Ladders				
S014	PLAT-NS-PS-P&S<	PS Structure & Platform				1
S015	PLAT-EQUIP	NRT Optical Platform - 3d Fiber				1
		Platform Square Footage				194
S016	PLAT-EQUIP	NRT Optical Platform - Polymers				1
		Platform Square Footage				244
S017	PLAT-SORT	Fiber Postsort Platform				1
		Platform Square Footage				2017
		Throw Chute 24" x 24" Qty				7
		Throw Chute 48" x 24" Qty				26

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## Equipment Detail

February 24, 2016

Item #	Model #	Description	Width	Length	HP	Quantity
S018	LBB	Fiber Bunkers				1
		Photo Eye Qty				0
		Powered Bunker Gates w/Hoists				0
S019	ST-MAG-SS	Container Line Magnet Structure				1
S020	PLAT-EQUIP	Container Line Platform #1				1
		Platform Square Footage				718
		Standard Landing Stairs				
S021	PLAT-EQUIP	Container Line Platform #2				1
		Platform Square Footage				497
S022	PLAT-EQUIP	NRT Optical Platform - QC PE & Mixed Plastics				1
		Platform Square Footage				247
S023	PLAT-EQUIP	Glass Crusher Structure				1
		Platform Square Footage				40
		Caged Ladders				
S024	PLAT-EQUIP	SDS Structure & Platform #1				1
		Platform Square Footage				108
		Caged Ladders				
S025	PLAT-EQUIP	SDS Structure & Platform #2				1
		Platform Square Footage				108
		Caged Ladders				
S026	ST-VS	Vibratory Screen Structure				1
S027	PLAT-WW	Landing #1				1
		Platform Square Footage				124
S028	PLAT-WW	Landing #3				1
		Platform Square Footage				20
S029	PLAT-WW	Landing #4				1
		Platform Square Footage				160
S030	PLAT-WW	Landing #5				1
		Platform Square Footage				43
S031	PLAT-WW	Landing #6-Included in item #S020				1
Item #	Model #	Description	Width	Length	HP	Quantity





# Decision Document

## *Environmental Protection Act 1986, Part V*

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**Proponent:** Cleanaway Pty Ltd

**Works Approval:** W5983/2016/1

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**Registered office:** 441 St Kilda Road  
MELBOURNE VIC 3004

**ACN:** 000 164 938

**Premises address:** Guildford Materials Recovery Facility  
Lot 62 on Diagram 60242  
72 Hyne Road  
SOUTH GUILDFORD  
WA 6055

**Issue date:** Thursday, 24 November 2016

**Commencement date:** Monday, 28 November 2016

**Expiry date:** Monday, 29 February 2018

### **Decision**

Based on the assessment detailed in this document the Department of Environment Regulation (DER) has decided to issue a works approval. DER considers that in reaching this decision, it has taken into account all relevant considerations.

Decision Document prepared by: Damian Thomas  
Licensing Officer

Decision Document authorised by: Stephen Checker  
Delegated Officer



## Contents

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### 1 Purpose of this Document

This decision document explains how DER has assessed and determined the application and provides a record of DER's decision-making process and how relevant factors have been taken into account. Stakeholders should note that this document is limited to DER's assessment and decision making under Part V of the *Environmental Protection Act 1986*. Other approvals may be required for the proposal, and it is the proponent's responsibility to ensure they have all relevant approvals for their Premises.



## 2 Administrative summary

Administrative details		
Application type	Works Approval <input checked="" type="checkbox"/>	<input type="checkbox"/>
	New Licence <input type="checkbox"/>	<input type="checkbox"/>
	Licence amendment <input type="checkbox"/>	<input type="checkbox"/>
	Works Approval amendment <input type="checkbox"/>	<input type="checkbox"/>
Activities that cause the premises to become prescribed premises	<b>Category number(s)</b>	<b>Assessed design capacity</b>
	62	500 000 tonnes per annual period
	61A	500 000 tonnes per annual period
Application verified	Date: 26/08/2016	
Application fee paid	Date: 19/09/2016	
Works Approval has been complied with	Yes <input type="checkbox"/>	No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Compliance Certificate received	Yes <input type="checkbox"/>	No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Commercial-in-confidence claim	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Commercial-in-confidence claim outcome	N/A	
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i> )?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Is the Premises within an Environmental Protection Policy (EPP) Area	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>



### 3 Executive summary of proposal and assessment

Cleanaway Pty Ltd (Cleanaway) (the Applicant) submitted a concurrent works approval and licence application on 8 August 2016 for the construction and operation of the Guildford Materials Recovery Facility (MRF), which will be a Prescribed Premises under the *Environmental Protection Act 1986* (EP Act). The proposal falls within the definition of Prescribed Premises Categories 62: Solid Waste Depot and 61A: Solid Waste Facility in Schedule 1 to the *Environmental Protection Regulations 1987* (EP Regulations).

The Premises is located at 72 Hyne Road (Lot 62 on Diagram 60242) in South Guildford in the City of Swan. Appendix A provides an overview of the premises and MRF.

Information submitted in the Application advises that the MRF will comprise a fully enclosed warehouse with all of the material recovery equipment to be located within the closed warehouse. The warehouse will comprise a Tipping Area, Production Area and Finished Product Store. Recycling material which includes mixed papers, cardboards, HDPE bottles, PET bottles, mixed plastics, aluminium cans, steel cans, news and pams (magazines and periodicals) and glass will be transported and delivered to site by waste collection vehicles. Collection vehicles will be weighed at one of two weigh-bridges upon entry to the site and then dump their load in the dedicated Tipping Area located within the warehouse. Collection vehicles will then leave the premises via the third weigh-bridge. Approximately 150 collection vehicles will transport recyclable material to the premises each day. Collection vehicles will enter the warehouse via automatic roller doors which will be closed at all times with the exception to allow vehicles to enter/exit the warehouse. The MRF is designed as and will operate as a dual feed system processing 500,000 tonnes of recyclable material per annum with a production and design capacity of 50 tonnes per hour. Table 1 below provides an overview of the recyclable materials accepted and processed at the MRF and is drafted from information submitted by Cleanaway in Attachment 6 of the Application.

Table 1: Recyclable materials proposed to be accepted at the MRF

Recyclable material description	Maximum quantity (tonnes/annum)
Paper, news and PAMS (periodicals and newspaper)	60,000 (30%)
Glass	60,000 (30%)
Plastics or ferrous material	40,000 (20%)
Cardboard	20,000 (10%)
Residue e.g. labels	16,000 to 20,000 (8-10%)

Recyclable material stockpiled in the Tipping Area will be transferred to the Production Area via conveyors. All recyclable material will then travel through a system of conveyors and equipment in the Production Area for screening and sorting. Sorting will include pre-sorting optical sorting, ferrous magnet, HDPE, aluminium and mixed plastics separation processes. Post sorting, recovered materials will be baled/bagged and transferred to the Finished Product Area for temporary storage before material is transported off-site for downstream markets. The Applicant indicates that 89-92% of material will be recovered. Approximately 38 semi-trailer and rear lift trucks per day will collect the finished product.

The MRF will have the capacity to process glass and soft plastics and plastic bags. Cleanaway have advised DER in the Application that the following process will be used to process glass:

- Incoming glass will be broken down to ~60mm cullet via a debris roll screen;
- Unwanted fibre and light material will then be extracted from the glass via air separation;
- The ~60mm glass will then be crushed down to a ~5mm fraction via a glass crusher; and
- The ~5mm end product will then be transported to an end user as a low value construction material substitute.



Plastic bags and soft plastic will be separated manually on a conveyor belt and baled as a finished product.

The entire MRF process will occur within the enclosed warehouse and the automatic rollers will only open to allow entry/exit of collection vehicles. The premises has been designed to incorporate catchment point for leachate originating from any waste product and this leachate will be directed to internal sumps which will report to a holding tank. Leachate within the holding tank will be pumped into trucks and removed from the premises; it will not be discharged to the environment at the premises. Appendix A provides further details for the Premises.

Construction and installation works proposed for the MRF provided in the application which relate directly to the Prescribed Premises include the following infrastructure:

- Hardstand within and external to the warehouse
- Warehouse building
- Loading docks
- Metering bins
- Separators/screening equipment
- Glass crusher
- Conveyors
- Balers
- Leachate holding tank

Further proposed works at the MRF which do not relate to the Prescribed Premises Categories and are not within the scope of this assessment include:

- Staff parking area
- Office/amenities
- Weighbridges
- Workshop/parts storage area
- Gatehouse
- Fire water tanks
- Truck parking area
- Diesel storage and refuelling area

The MRF will operate two shifts for 310 days per year between the hours of 6am to 2am Monday to Friday and 6am to 1pm Saturday.

The maximum production and design capacity for the MRF will be 500,000 tonnes per annual period for both the Category 61A and 62 activities.

This Decision Document is based on an assessment of the Cleanaway application for DER Works Approval and Licence dated 8 August 2016 and revised Works Approval and Licence Application submitted 2 September 2016.

This Decision Document identifies the risks of the Application for a concurrent works approval and licence and the proposed controls for these risks. In Summary:

- The Works Approval will be granted subject to the controls described in section 4 of this draft Decision Document; and
- The Licence will be granted subject to the controls and likely conditions for the Licence described in Section 4 of this draft Decision Document for the operation of the MRF subject to demonstrated compliance of the works approval.



### **Location and siting**

The Premises is located in a light industrial area, surrounded by commercial businesses to the north, west and east. The Great Eastern Highway by-pass and Perth airport is located to the south.

The premises location current features are:

- **Geology:** DER's Geographic Information System (GIS) mapping system identifies the surface geology as Bassendean Sands. Bassendean Sands are characterised by pale grey to white quartz sand which is predominately medium-grained.
- **Topography:** The premises is predominately flat with a slight fall (<1m) to the north-west. The premises is covered in either bitumen or concrete and directs surface water flow to in-situ stormwater management system. **Land use:** This premise is currently a commercial business (Transport depot) and once the works approval is issued to Cleanaway the MRF will be constructed and then operated once the Licence is issued. **Zoning:** The site is located in the City of Swan and the site is zoned as 'Industry – General and Transport Depot'.

Potential sensitive receptors in the vicinity of the MRF premises are:

- **Groundwater:** Department of Water's Perth Groundwater Atlas indicates that groundwater in the area is located approximately 4m below ground level (mbgl). DER's GIS mapping system similarly indicates a bore within 500m of the premises detected water at 3.6mbgl.
- **Surface water:** The closest surface water is the Swan River located 800m to the north west.
- **Vegetation:** The Bush Forever site 386 is located 100m south of the premises across a road reserve, the Bush Forever site 311 is located approximately 700m to the north east and the Bush Forever site 491 is located approximately 800m North West (adjacent to the Swan River).
- **Existing residences and landowners:** The nearest residential premises are located approximately 325m north east and 400m north west of the MRF Premises boundary. There are approximately 100 residential premises within 500m of the MRF Premises boundary.

The Delegated Officer considers sensitive receptors within 200m of solid waste depots to potentially experience increased risk of impacts from noise, dust and odour emissions, while adequate separation distances for solid waste facilities are determined on a case-by case basis. The Delegated Officer considers that the separation distance to sensitive receptors of 325m is adequate for the proposed operation.

### **Proposed works**

The Applicant proposes the following works at the MRF:

Construction and installation works proposed for the MRF provided in the application which relate directly to the Prescribed Premises include the following infrastructure:

- Hardstand within and external to the warehouse;
- Warehouse building;
- Loading docks;
- Metering bins;
- Separators/screening equipment;
- Glass crusher;
- Conveyors;
- Balers; and
- Leachate holding tank.





### **Potential emissions**

Potential emissions as a result of the works and operation of the works at the MRF are:

- General conditions: Potential contaminated stormwater emissions may arise from the construction and operations of the MRF;
- Premises operation: Potential emissions may arise from the leakage of liquid waste from the operation of the MRF;
- Dust: Potential emissions may arise from the construction and operation of the MRF;
- Odour: Potential emissions may arise from the operation of the MRF; and
- Noise: Potential emissions may arise from the construction and operation of the MRF.

Further details of emissions and regulatory controls for the MRF are detailed within section 4 of the Decision Table.

### **Occupation and planning approval**

The premises are owned by Wonteco Pty Ltd and the applicant has provided evidence of a lease agreement for a period of 15 years.

Planning Approval for the premises was submitted to City of Swan (the City) on 3 December 2015 for the development of the MRF. The City of Swan Metro East Joint Development Assessment Panel granted planning approval for the premises on the 29 February 2016 for 'Industry General' and 'Transport depot' as defined in the City of Swan Local Planning Scheme No. 17. Condition 1 states '*This decision constitutes planning approval only and is valid for a period of two (2) years from the date of approval. If the subject development is not substantially commenced within the two (2) year period, approval shall lapse and be of no further effect.*'

Planning Approval was amended on 26 August 2016.

The City of Swan Planning Approval is provided in Appendix B.

### **Consultation**

DER referred the Application to the City on 26 September 2016 and then a copy of the Application upon request via email on 6 October 2016. A response was received Monday 17 October 2016; refer to section 5 Consultation Table below.

### **Approval of works**

This Decision Document and the Works Approval and Licence specify the assessment of the Application and regulatory requirements for the construction and operation of the Category 61A and 62 premises to proceed.



## 4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986*, the *Environmental Protection Regulations 1987* and DER's Operational Procedure on Assessing Emissions and Discharges from Prescribed Premises. Where other references have been used in making the decision they are detailed in the decision document.

DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Interpretation	W1.1.1 - 1.1.4  L1.1.1- 1.1.4	<p><b>Construction</b> Conditions 1.1.1 – 1.1.4 explains terminology used within the Works Approval is referenced where applicable and that any reference to a standard or guideline is to the most current version of that standard or guideline.</p> <p><b>Operation</b> Operation is subject to the general provisions of the <i>Environmental Protection Act 1986</i>. Category 61A and 62 activities fall under Schedule 1 Part 2 of the <i>Environmental Protection Regulation 1987</i> and are subject to licence. The proponent has applied for a concurrent licence application. Conditions 1.1.1 – 1.1.4 explains that terminology used within the Licence is referenced where applicable and that any reference to a standard or guideline is to the most current version of that standard or guideline.</p>	<p>General provisions of the <i>Environmental Protection Act 1986</i></p> <p>Application supporting documentation</p>
General conditions	W1.2.1-1.2.2  N/A	<p><b>Construction</b> Condition 1.2.1 and 1.2.2 included within the Works Approval states the design and construction specifications for the works. Condition 1.2.2 allows for minor deviation from the design and construction specifications where appropriate. Condition 2.1.1 has been included in the works approval requiring information be submitted regarding detailed engineering and construction drawings; refer to Information section below.</p> <p><i>Emission:</i> Contaminated stormwater discharge from the Premises where stormwater is not appropriately managed and encounters contaminants (e.g. hydrocarbons). <i>Impact:</i> Contaminated stormwater leaving the Premises may infiltrate to the groundwater, or runoff to onto adjacent properties, or enter stormwater systems and surface water bodies. This may potentially impact the health, welfare, convenience, comfort or amenity of those on nearby properties, or increase contaminant loads in</p>	<p>Application supporting documentation</p> <p><i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i></p> <p>General provisions of the <i>Environmental</i></p>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
	N/A	<p>surface water and/ or groundwater. The nearest residential premises are located approximately 325m north east and 400m north west of the MRF Premises boundary while businesses exist to the north, west and east. Groundwater is located approximately 4m below ground level and the premises is located on sandy soils. The nearest surface water is the Swan River located 800m north west.</p> <p><i>Controls:</i> The Application has stated that the site is fully sealed (bitumen or concrete) to achieve a permeability of no greater than <math>1 \times 10^{-9}</math> m/s. Minimal civil works are required to allow construction of the MRF warehouse and processing plant. Stormwater is directed to dedicated internal pre-existing sumps on-site and away from the infrastructure to avoid contamination. City of Swan Planning Approval conditions 14, 15, 16, 17 and 18 outline Stormwater Management; refer to Appendix B for the full Planning Approval.</p> <p><u>Risk assessment:</u>  <i>Consequence:</i> Insignificant  <i>Likelihood:</i> Possible  <i>Risk Rating:</i> Low</p> <p><u>Regulatory controls:</u>            The Delegated Officer has determined that the provisions of Section 49 of the <i>Environmental Protection Act 1986</i> and the provisions of the <i>Environmental Protection (Unauthorised Discharge) Regulations 2004</i> are sufficient to regulate the emissions of stormwater during construction. No specific conditions are proposed.</p> <p><u>Residual risk:</u>  <i>Consequence:</i> Insignificant  <i>Likelihood:</i> Possible  <i>Risk Rating:</i> Low</p> <p><b>Operation</b>  <i>Emission:</i> Contaminated stormwater discharge from the Premises where stormwater is</p>	<p><i>Protection Act 1986.</i></p> <p>City of Swan Planning Approval.</p>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p>not appropriately managed, encounters contaminants, or leachate from received wastes (e.g. hydrocarbons or leachate from received wastes).</p> <p><i>Impact:</i> Contaminated stormwater and leachate leaving the Premises may infiltrate to the groundwater, or runoff to onto adjacent properties or stormwater drainage system which may potentially impact the health, welfare, convenience, comfort or amenity of sensitive receptors, or increase contaminant loads in surface water and/ or groundwater that may influence beneficial use of the resource. The nearest residential premises are located approximately 325m north east and 400m north west of the MRF Premises boundary. Groundwater is located approximately 4m below ground level and the premises consists of sandy soils. The nearest surface water is the Swan River located 800m north west.</p> <p><i>Controls:</i> The applicant has advised that the facility will not be receiving putrescible wastes. The application details that the site is fully sealed (bitumen or concrete) to achieve a permeability of no greater than <math>1 \times 10^{-9}</math> m/s. Stormwater is directed to dedicated internal pre-existing sumps on-site and away from the infrastructure to avoid contamination external to the MRF warehouse. The MRF is totally enclosed by a warehouse building with no ingress of stormwater. Any leachate that is generated within the MRF is captured in in-situ drainage systems which report to a dedicated holding tank. Leachate if present is then pumped out of the holding tank and disposed off-site. City of Swan Planning Approval conditions 14, 15, 16, 17 and 18 stipulate stormwater management on the Premises.</p> <p><u>Risk assessment:</u>  <i>Consequence:</i> Insignificant  <i>Likelihood:</i> Unlikely  <i>Risk Rating:</i> Low</p> <p><u>Regulatory controls:</u>            Based on the nature of the waste types received (recyclables and no putrescible wastes), the Delegated Officer has determined that no specific leachate controls are required for the management of leachate other than the requirement to maintain infrastructure to ensure containment.</p> <p><u>Residual risk:</u></p>	



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p><i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p>	
Premises operation	N/A  L1.2.1 – 1.2.4	<p><b>Construction</b> There are no premises operation conditions required for construction of the WHD.</p> <p><b>Operation</b> <u>Emission Description</u> <i>Emission:</i> Potential leakage of liquid waste hydrocarbons (diesel storage and refuelling area) leachate generated from the MRF processing plant. <i>Impact:</i> Potential reduced groundwater and surface water quality in the local area. Groundwater is located approximately 4 meters below ground level and the premises consists of sandy soils. The nearest surface water is the Swan River located 800m north west. <i>Controls:</i> The entire site, including the MRF and all external area at the premises with the exception of a small landscaped area adjacent to the office, is sealed with impervious bitumen or concrete surfacing (&lt;math&gt;1 \times 10^{-9}&lt;/math&gt;m/s). The MRF has a dedicated leachate collection system in which leachate is directed to a dedicated impervious holding tank. If leachate is generated it is pumped out of the holding tank and disposed off-site by a licensed Controlled Waste Carrier; it is a closed system with no discharge to the environment. The 70,000L fuel service tank is a double skinned self bunded tank with a 110% capacity (77,000L). The refuelling area will be bunded and located on an impervious (&lt;math&gt;1 \times 10^{-9}&lt;/math&gt;m/s) hardstand, designed to divert spills to a holding tank. Any spill material captured in the holding tank will be pumped out and collected by a licensed Controlled Waste Carrier and disposed off-site. Refuelling activities will incorporate drip trays and spill kits as required. City of Swan Planning Approval condition 20 outlines management of fuel dispensers etc.; refer to Appendix B.</p>	<p>Application supporting documentation</p> <p>General provisions of the <i>Environmental Protection Act 1986</i></p> <p>DER's <i>Guidance Statement: Regulatory Principles</i></p> <p>DER's <i>Guidance Statement: Setting Conditions</i></p> <p>DER's <i>Guidance Statement: Licence and works approval process</i></p>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p><u>Risk Assessment</u>  <i>Consequence:</i> Minor  <i>Likelihood:</i> Unlikely  <i>Risk Rating:</i> Moderate</p> <p><u>Regulatory Controls</u>            Conditions are proposed to be incorporated in the future licence as follows: Condition 1.2.1 in the licence is proposed to authorise maximum quantity limits of waste types accepted at the premises. Condition 1.2.2 stipulates that if waste does not meet acceptance criteria it must be removed from site and not accepted for storage or processing. Condition 1.2.3 stipulates what waste types are subject to what processes while condition 1.2.4 stipulates waste containment infrastructure.</p> <p><u>Residual Risk</u>  <i>Consequence:</i> Minor  <i>Likelihood:</i> Unlikely  <i>Risk Rating:</i> Moderate</p>	
<b>Fugitive emissions</b>	N/A	<p><b>Construction</b>  <u>Emission description:</u>  <i>Emission:</i> Dust arising from construction of the MRF warehouse and processing equipment and associated heavy/light vehicle movements such as trucks and loaders etc during the construction of the MRF.  <i>Impact:</i> Reduced local air quality from airborne particulates is possible. The nearest residential premises are located approximately 325m north east and 400m north west of the MRF Premises boundary. Additional receptors adjacent and nearby the Premises include light industrial businesses.  <i>Controls:</i> The application states that site is fully sealed and includes the following measures to manage fugitive dust emissions:</p> <ul style="list-style-type: none"> <li>All roadways within the site will be regularly checked and maintained to avoid any dust build-up.</li> </ul>	<p>Section 49 of the <i>Environmental Protection Act 1986</i></p> <p>Application supporting documentation</p> <p>DER's <i>Guidance Statement: Regulatory Principles</i></p>





DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
	N/A	<ul style="list-style-type: none"> <li>Site speed limit is restricted due to size of the premises (safety), which will minimise dust generation.</li> </ul> <p><u>Risk assessment:</u>  <i>Consequence:</i> Insignificant  <i>Likelihood:</i> Possible  <i>Risk Rating:</i> Low</p> <p><u>Regulatory controls:</u>            Fugitive dust conditions will not be included in the licence as the risk rating is 'Low' and the Delegated Officer has determined that the provisions of Section 49 of the <i>Environmental Protection Act 1986</i> are sufficient to regulate dust emissions during construction of the MRF.</p> <p><u>Residual risk:</u>  <i>Consequence:</i> Insignificant  <i>Likelihood:</i> Possible  <i>Risk Rating:</i> Low</p> <p><b>Operation</b>  <u>Emission description:</u>  <i>Emission:</i> Dust arising from MRF processing equipment operations and vehicle movements such as trucks and loaders etc during the operation of the MRF.  <i>Impact:</i> Reduced local air quality from airborne particulates is possible. The nearest residential premises are located approximately 325m north east and 400m north west of the MRF Premises boundary. Additional receptors adjacent and nearby the Premises include light industrial businesses.  <i>Controls:</i> According to the application, the MRF warehouse is fully enclosed and sealed and the four automatic doors only open when vehicles enter/exit the MRF warehouse. Internal/external floor areas on the site are fully sealed and the proponent will manage dust emissions through the implementation of the following measures:</p> <ul style="list-style-type: none"> <li>All roadways within the site will be regularly checked and maintained to avoid</li> </ul>	<p>DER's <i>Guidance Statement: Setting Conditions</i></p> <p>DER's <i>Guidance Statement: Licence and works approval process</i></p>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p>any dust build-up.</p> <ul style="list-style-type: none"> <li>• Site speed limit is restricted for safety reasons.</li> <li>• A dust collector is fitted to the drum separator used for glass clean-up. The dust collector will be operated within the enclosed warehouse and no dust emissions will enter the environment.</li> </ul> <p><u>Risk assessment:</u>  <i>Consequence:</i> Insignificant  <i>Likelihood:</i> Possible  <i>Risk Rating:</i> Low</p> <p><u>Regulatory controls:</u>            Fugitive dust conditions will not be included in the licence as the risk rating is 'Low' and the Delegated Officer has determined that the provisions of Section 49 of the <i>Environmental Protection Act 1986</i> are sufficient to regulate dust emissions during operation of the MRF.</p> <p><u>Residual risk:</u>  <i>Consequence:</i> Insignificant  <i>Likelihood:</i> Possible  <i>Risk Rating:</i> Low</p>	
<b>Odour</b>	N/A  N/A	<p><b>Construction</b>            There will be no odour emissions during the construction of the MRF. No specified conditions relating to odour will be added to the works approval.</p> <p><b>Operation</b>  <u>Emission Description</u>  <i>Emission:</i> Odour emissions from operations at the MRF due to storage and processing of recycled waste.  <i>Impact:</i> Amenity impacts on nearest receptors. The nearest residential premises are located approximately 325m north east and 400m north west of the MRF Premises</p>	<p>Section 49 of the <i>Environmental Protection Act 1986</i></p> <p>Application supporting documentation</p>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p>boundary. Additional receptors adjacent and nearby the Premises include light industrial businesses.</p> <p><i>Controls:</i> According to the application, the MRF warehouse is fully enclosed and sealed and the four automatic doors only open when vehicles enter/exit the MRF warehouse. The majority of recyclable material destined for the MRF is inert waste that does not generate odour.</p> <p><u>Risk Assessment</u>  <i>Consequence:</i> Insignificant  <i>Likelihood:</i> Possible  <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u>            Odour conditions will not be included in the licence as the risk rating is 'Low' and the Delegated Officer has determined that the provisions of Section 49 of the <i>Environmental Protection Act 1986</i> are sufficient to regulate odour emissions during operation of the MRF.</p> <p><u>Residual Risk</u>  <i>Consequence:</i> Insignificant  <i>Likelihood:</i> Possible  <i>Risk Rating:</i> Low</p>	<p>Environmental Protection, Authority Guidance for the Assessment of Environmental Factors, Separation Distances between Industrial and Sensitive Land Uses No.3 June 2005</p>
Noise	N/A	<p><b>Construction</b>  <u>Emission description:</u>  <i>Emission:</i> Noise arising from construction activities, machinery movement and earthworks.  <i>Impact:</i> Interference with the health, welfare, convenience, comfort or amenity of sensitive residential receptors. The nearest residential premises are located approximately 325m north east and 400m north west of the MRF Premises boundary. Additional receptors adjacent and nearby the Premises include light industrial</p>	<p><i>Environmental Protection (Noise) Regulations 1997</i></p> <p>DER's <i>Guidance Statement: Regulatory Principles</i></p>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
	N/A	<p>businesses, which are also likely sources of noise. Given the location of the premises and siting, any noise generated will be localised. Planning approval does not authorise commencement of construction before 7 am.</p> <p><i>Controls:</i> The application has not provided any information in relation to noise emissions during construction activities at the premises.</p> <p><u>Risk assessment:</u>  <i>Consequence:</i> Minor  <i>Likelihood:</i> Possible  <i>Risk Rating:</i> Moderate</p> <p><u>Regulatory controls:</u>            The Delegated Officer considers that the construction of the MRF meets the definitions of construction site and construction works within the <i>Environmental Protection (Noise Regulations) 1997</i> (Noise Regs). Regulation 13 of the Noise Regs outlines the requirements for compliance with the Noise Regs for Construction Sites. Construction of the MRF will be within a shed, which will mitigate noise emissions. Planning Approval does not allow works to commence prior to 7am without the City's approval. No conditions will be drafted on the works approval.</p> <p><u>Residual risk:</u>  <i>Consequence:</i> Minor  <i>Likelihood:</i> Possible  <i>Risk Rating:</i> Moderate</p> <p><b>Operation</b>  <u>Emission description:</u>  <i>Emission:</i> Noise arising from the operation of the MRF and associated vehicles such as tankers and trucks.  <i>Impact:</i> Interference with the health, welfare, convenience, comfort or amenity of sensitive residential receptors. The nearest residential premises are located</p>	<p>DER's <i>Guidance Statement: Setting Conditions</i></p> <p>DER's <i>Guidance Statement: Licence and works approval process</i></p>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p>approximately 325m north east and 400m north west of the MRF Premises boundary. Additional receptors adjacent and nearby the Premises include light industrial businesses.</p> <p><i>Controls:</i> The entire MRF operation is conducted within a fully enclosed warehouse. Automatic doors only open when a vehicle enters/exits the warehouse. Traffic speed is restricted due to the size of the premises. Hours of operation for waste handling operations are 6am to 2am Monday to Friday and 6am to 1pm Saturday.</p> <p>Cleanaway engaged Consultants Herring Storer Acoustics to undertake a Noise Emissions Assessment (NEA) of the MRF. The NEA was submitted to DER as part of the works approval and licence application as Attachment 9. DER Noise Regulation has reviewed the NEA submitted by Cleanaway and advised the Delegated Officer that the facility is likely to be able to comply with the requirements of the <i>Environmental Protection (Noise) Regulations 1997</i></p> <p><u>Risk assessment:</u>  <i>Consequence:</i> Insignificant  <i>Likelihood:</i> Possible  <i>Risk Rating:</i> Low</p> <p><u>Regulatory controls:</u>            The Delegated Officer has determined the assessment and recommendations of DER Noise Regulation in relation to noise emissions from the MRF and accordingly noise conditions will not be included in the licence as the risk rating is 'Low' and the Delegated Officer considers that the provisions of <i>Environmental Protection (Noise) Regulations 1997</i> will be sufficient to regulate noise emissions during operations at the MRF.</p> <p><u>Residual risk:</u>  <i>Consequence:</i> Insignificant  <i>Likelihood:</i> Possible  <i>Risk Rating:</i> Low</p>	



<b>DECISION TABLE</b>			
<b>Works Approval / Licence section</b>	<b>Condition number W = Works Approval L = Licence</b>	<b>Justification (including risk description &amp; decision methodology where relevant)</b>	<b>Reference documents</b>
<b>Monitoring of inputs and outputs</b>	N/A  L2.2.1	<p><b>Construction</b> No waste is to be accepted during the construction of the MRF, therefore no specified conditions relating to monitoring inputs and outputs will be added to the works approval.</p> <p><b>Operation</b> Monitoring of waste inputs and outputs will be required to regulate waste volumes accepted at the premises. Monitoring of inputs and outputs under condition 2.2.1 and annual reporting of inputs and outputs will be required under condition 3.2.1 on the licence.</p>	<p>General provisions of the <i>Environmental Protection Act 1986</i></p> <p>Application supporting documentation</p>
<b>Information</b>	W3.1.1 W3.1.2 W3.1.3 W3.1.4  L3.1.2 L3.1.3 L3.2.1 L3.3.1	<p><b>Construction</b> Condition 3.1.1 has been drafted onto the works approval requiring the Applicant submit detailed engineering and construction drawings and plans that are certified by a suitably qualified professional engineer that each item of infrastructure specified in Column 1 of Table 1.2.2 meets or exceeds the specifications in Column 2 of Table 1.2.2 for the infrastructure in each row of Table 1.2.2.</p> <p>Condition 3.1.2 requires the Works approval holder to submit a list of departures with the construction compliance document required under condition 3.1.3.</p> <p>Condition 3.1.3 requires a compliance document be submitted following construction of the works and condition 3.1.4 outlines the information and signatures required for the compliance document.</p> <p><b>Operation</b> Annual reporting and notification of any breach of condition will be required under the licence.</p> <p>Condition 3.1.3 on the future licence is proposed to require the proponent to implement a complaints management system for the premises.</p>	<p>General provisions of the <i>Environmental Protection Act 1986</i></p> <p>Application supporting documentation</p> <p>DER's <i>Guidance Statement: Regulatory Principles</i></p> <p>DER's <i>Guidance Statement: Setting Conditions</i></p> <p>DER's <i>Guidance Statement: Licence and</i></p>





<b>DECISION TABLE</b>			
<b>Works Approval / Licence section</b>	<b>Condition number W = Works Approval L= Licence</b>	<b>Justification (including risk description &amp; decision methodology where relevant)</b>	<b>Reference documents</b>
			<i>works approval process</i>
<b>Works Approval duration</b>  <b>Licence Duration</b>	N/A	<p>The works approval will be issued for two (2) years from the date of the City Swan Planning Approval in accordance with the timeframes stipulated on that approval. The Metro East Joint Development Assessment Panel has issued planning approval on the 29 February 2016 for 'Industry General' and 'Transport depot' as defined in the City of Swan Local Planning Scheme No. 17. Condition 1 state <i>'This decision constitutes planning approval only and is valid for a period of two (2) years from the date of approval. If the subject development is not substantially commenced within the two (2) year period, approval shall lapse and be of no further effect.'</i></p> <p>The licence duration will be determined in accordance with DER's Guidance Statement: Licence Duration (August 2016) up to a maximum duration of 20 years.</p>	<p>Department of Environment Regulation 2015, <i>Guidance statement: Licence duration</i></p> <p>General provisions of the <i>Environmental Protection Act 1986</i></p> <p>City of Swan Planning Approval</p>



## 5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
26/09/2016	Works Approval Application advertised in West Australian	Submissions due 17 October 2016. No submissions were submitted.	N/A
10/10/2016	Licence Application advertised in West Australian	Submission due 31 October 2016. No submissions were submitted.	N/A
26/09/2016	Application sent to City of Swan via email on 6/10/2016 upon request from City of Swan  Planning Approval is provided as Appendix B.	Response received Monday 17 October 2016: <i>I refer to the above application which has been referred to the City's Planning Services department. From what I can gather, the application was approved subject to conditions by the Metro East JDAP in 2015. Provided the development is in accordance with this approval, Statutory Planning services will not need to see this again for consideration.</i>  <i>There was an amendment to the application approved in August of this year, which did change some faucets of the application. I have included this as attached</i>	Amended wording in Decision Document to acknowledge City of Swan Planning Approval.
15/11/2016	Proponent sent a copy of draft instrument	Proponent submitted a response on 17 November 2016 stating that " <i>the document appears in order. Please progress the application.</i> "	N/A



## 6 Risk Assessment

*Note: This matrix is taken from the DER Corporate Policy Statement No. 07 - Operational Risk Management*

**Table 2: Emissions Risk Matrix**

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Severe
Almost Certain	Moderate	High	High	Extreme	Extreme
Likely	Moderate	Moderate	High	High	Extreme
Possible	Low	Moderate	Moderate	High	Extreme
Unlikely	Low	Moderate	Moderate	Moderate	High
Rare	Low	Low	Moderate	Moderate	High



## Appendix A Premises Summary

Cleanaway submitted a concurrent works approval and licence application on 8 August 2016 for the construction and operation of the MRF, which will be a Prescribed Premises under the *Environmental Protection Act 1986* (EP Act). The proposal falls within the definition of Prescribed Premises Categories 62: Solid Waste Depot and 61A: Solid Waste Facility in Schedule 1 to the EP Regulations. Category 62 is required for the construction and operation of the MRF while Category 61A is required for the construction and operation of the Glass crushing process.

Cleanaway advise in the Application that material will be delivered to the premises via a range of vehicles including side lift vehicles, rear lift vehicles, and front lift vehicles, hook lift or skip bins and walking floors. The compaction rate of feed material can range from 180-220 kg/m<sup>3</sup>. Table 3 below shows the typical range of individual components of the feed material that will report to the MRF for processing. Currently 90% of recyclable material received by Cleanaway is from municipal comingled sources and the remaining 10% is from commercial sources.

Table 3 Recyclable material type and average composition processed at the MRF

Material type	Typical average composition (%)	Typical Ranges	
		High (%)	Low (%)
Glass-Clear	9.83	10.16	7.74
Glass-Green	8.79	13.42	5.65
Glass-Amber	7.56	12.27	4.45
Glass-Mixed	1.82	3.58	1.03
<b>All Glass</b>	<b>28.00</b>	<b>39.43</b>	<b>18.87</b>
Plastic –PET	2.72	2.50	1.78
Plastic- HDPE	2.29	2.80	2.01
Plastic-V	0.19	0.29	0.09
Plastic- LDPE	0.09	0.26	0.01
Plastic- PP	0.43	0.65	0.21
Plastic-PS	0.16	0.37	0.04
Plastic-Other	1.11	1.64	1.05
<b>All Plastics</b>	<b>6.99</b>	<b>8.51</b>	<b>5.19</b>
Paper- Newspaper	34.42	39.70	26.99
Paper-Magazines/advert	10	15.3	8.35
Paper-Office/Computer	1.42	1.85	0.89
Paper-Mixed	2.15	4.16	1.25
<b>All Paper</b>	<b>47.99</b>	<b>61.01</b>	<b>37.48</b>
Cardboard-Flat	3.04	5.13	2.34
Cardboard-Corrugated	4.01	7.02	3.79
Cardboard-Wetpacks	0.54	2.07	1.18
Cardboard-LBP	0.41	0.51	0.29
<b>All Cardboard</b>	<b>8</b>	<b>14.73</b>	<b>7.60</b>
Aluminium-Cans	0.88	1.17	0.69
Aluminium-Other	0.12	0.11	0.01
<b>All Aluminium</b>	<b>1</b>	<b>1.28</b>	<b>0.70</b>
Steel- Cans	1.09	1.51	0.77
Steel- Aerosol	0.16	0.22	0.09
Steel- Coffee/Oil	0.32	0.65	0.24
Steel-Other	0.43	1.71	0.13
<b>All Steel</b>	<b>2</b>	<b>4.09</b>	<b>1.23</b>
<b>Batteries</b>	<b>0.06</b>	<b>0.07</b>	<b>0.01</b>



Textiles/Clothing	2.22	1.62	0.86
Organics/Food	0.61	1.32	0.15
Ceramics	0.61	1.85	0.06
Gas Bottles	0	0	0
Green waste	0.53	2.18	0
Dust/Dirt/Rocks	0.31	0.95	0
Foam	0.24	0.48	0.09
Medical/clinical	0.01	0.02	0
Plastic Bags	0.66	0.81	0.56
Light bulbs	0.02	0.08	0
Electrical	0.65	1.69	0.02
Cork	0	0.01	0
Unclassified	0.10	0.38	0
<b>All Non-Recyclables</b>	<b>5.96</b>	<b>11.39</b>	<b>1.74</b>
<b>Total</b>	<b>100</b>	<b>N/A</b>	<b>N/A</b>

Cleanaway have advised in the Application that in the event that any hazardous waste is identified in the waste stream during MRF processing operations the sorter will immediately notify the respective Manager. A risk assessment will then be undertaken and if the waste can be handled it will be moved to a dedicated location separate to all other MRF operations prior to removal off premises. All care will be taken to ensure no cross-contamination of waste materials occurs.

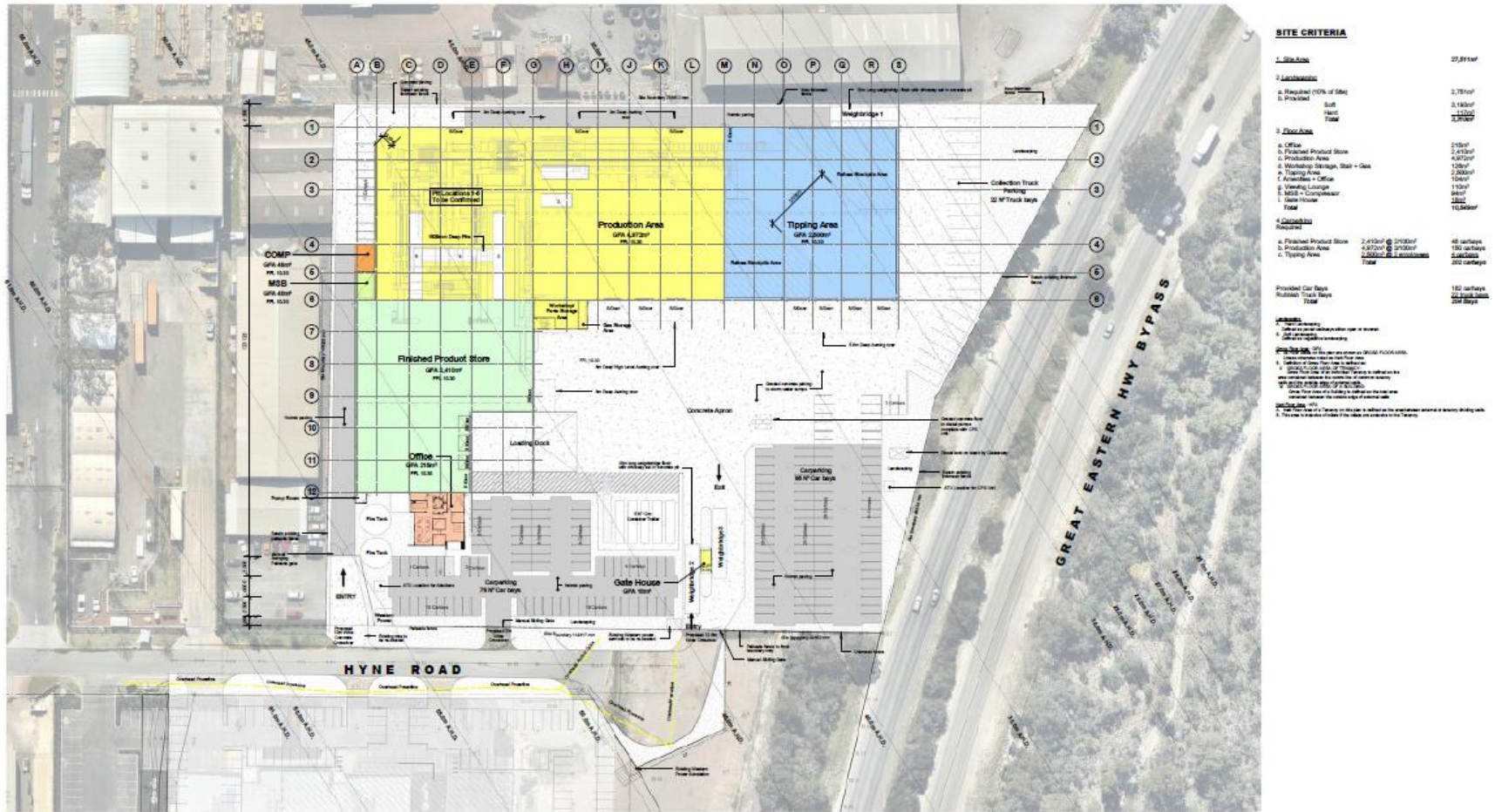


Figure 1 overview of the premises



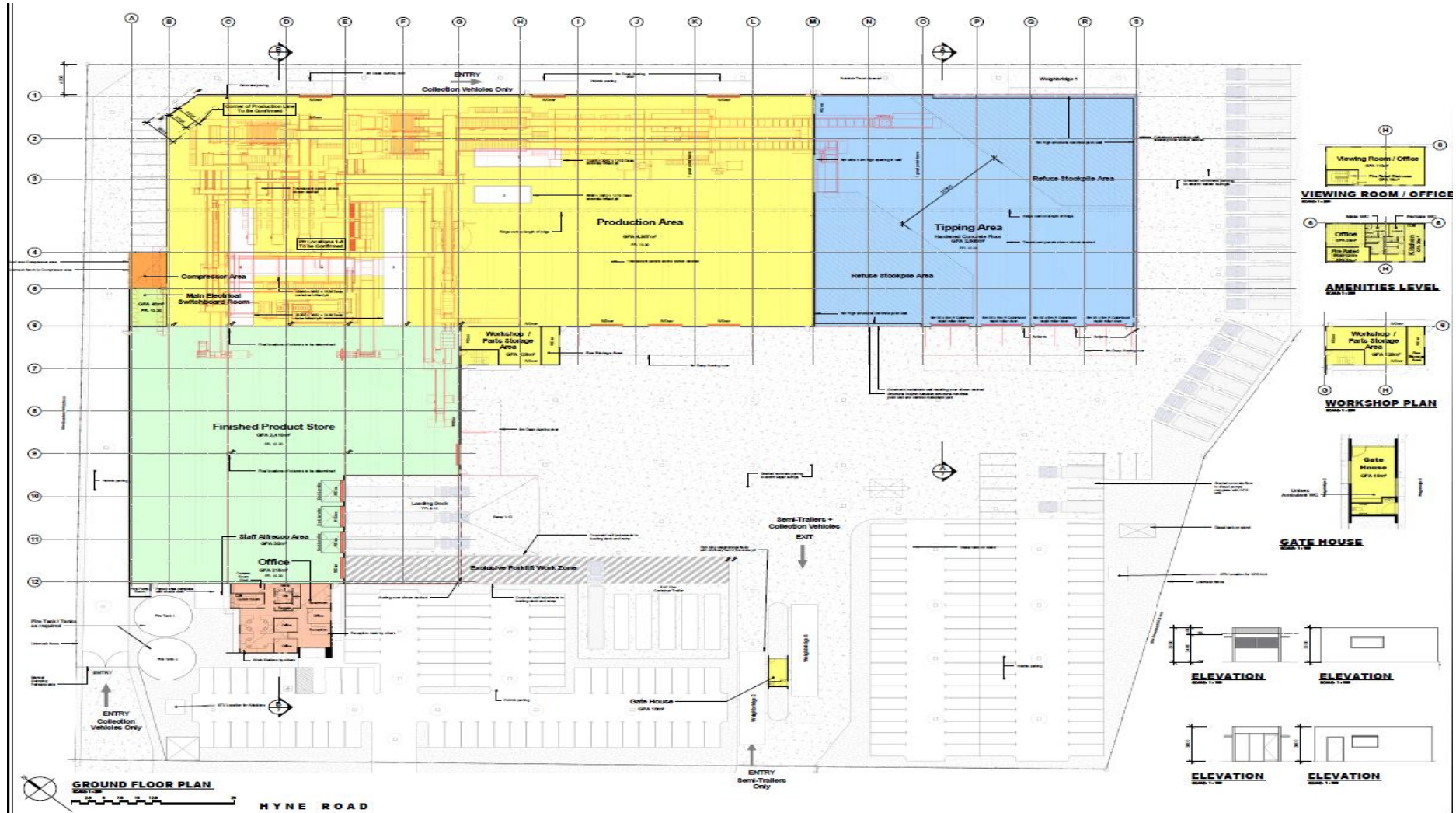


Figure 2 overview of MRF



## Appendix B Planning Approval



Government of **Western Australia**  
Development Assessment Panels

LG Ref: DA934-15  
DoP Ref: DAP/15/ 00947  
Enquiries: Development Assessment Panels  
Telephone: (08) 6551 9919

Mr Stephen Shircore  
Meyer Shircore & Associates  
PO Box 1294  
Subiaco WA 6904

Dear Mr Shircore

**Metro East JDAP – City of Swan – DAP Application DA934-15  
Lot 62 Hyne Road, South Guildford  
Industry - General' and 'Transport Depot'**

Thank you for your application and plans submitted to the City of Swan on 3 December 2015 for the above development at the abovementioned site.

This application was considered by the Metro East Joint Development Assessment Panel at its meeting held on 29 February 2016, where in accordance with the provisions of the City of Swan Local Planning Scheme No.17, it was resolved to approve the application as per the attached notice of determination.

Should the applicant not be satisfied by this decision, a DAP Form 2 application may be made to amend or cancel this planning approval in accordance with regulation 17 of the *Planning and Development (Development Assessment Panels) Regulations 2011*.

Please also be advised that there is a right of review by the State Administrative Tribunal in accordance with Part 14 of the *Planning and Development Act 2005*. An application must be made within 28 days of the determination in accordance with the *State Administrative Tribunal Act 2004*.

Should you have any queries with respect to the conditions of approval please contact Ms Asha Logan at the City of Swan on (08) 9267 9368.

Yours sincerely

*Zac Hendry*

**DAP Secretariat**

**10/03/2016**

Encl. DAP Determination Notice  
Approved plans

Cc: Ms Asha Logan  
City of Swan



wa.gov.au

Postal address: Locked Bag 2506 Perth WA 6001 Street address: 140 William Street Perth WA 6000  
Tel: (08) 6551 9919 Fax: (08) 6551 9961 TTY: 6551 9007 Infoline: 1800 626 477  
[daps@planning.wa.gov.au](mailto:daps@planning.wa.gov.au) [www.planning.wa.gov.au](http://www.planning.wa.gov.au)  
ABN 35 482 341 493



*Planning and Development Act 2005*

City of Swan Local Planning Scheme No.17

Metro East Joint Development Assessment Panel

**Determination on Development Assessment Panel  
Application for Planning Approval**

**Location:** Lot 62 Hyne Road, South Guildford

**Description of proposed Development:** 'Industry - General' and 'Transport Depot'

In accordance with regulation 8 of the *Planning and Development (Development Assessment Panels) Regulations 2011*, the above application for planning approval was granted on 29 February 2016, subject to the following:

Approve DAP Application reference DAP/15/00947 and accompanying attached plans prepared by Meyer Shircore and Associates (SK009 Sheet No. 2; SK009A Sheet No. 3; SK009 Sheet No. 4; SK009A Sheet No. 5; SK009 Sheet No. 6; SK009 Sheet No. 7; SK009 Sheet No. 8; SK009 Sheet No. 10; SK009 Sheet No. 11) in accordance with Part 4.2.24 and Part 10.3 of the City of Swan Local Planning Scheme No.17, subject to the following conditions:

**Conditions**

1. This decision constitutes planning approval only and is valid for a period of two (2) years from the date of approval. If the subject development is not substantially commenced within the two (2) year period, the approval shall lapse and be of no further effect.
2. This approval is for an "Industry - General" and "Transport Depot" as defined in the City of Swan Local Planning Scheme No. 17 and the subject land may not be used for any other use without the prior approval of the City.
3. In order to comply with the City of Swan Provision of Public Art Policy POL-LP-1.10, the owner(s) or applicant on behalf of the owner(s) shall within 28 days of the grant of this approval elect to either;
  - (a) pay to the City the sum of \$85,000, which equates to 1% of the Construction Cost of the development, in lieu of providing on-site Public Art (**option 1**); or
  - (b) seek approval from the City for an artist to provide Public Art on the development site to a minimum value of \$85,000 (**option 2**).

If the elected option is Option 1, then the cash-in-lieu amount must be paid to the City on the earlier of the date specified in an invoice issued by the City, or prior to the issuance of the building permit for the development the subject of the approval.





If the elected option is Option 2:

- (a) the owner(s) or applicant on behalf of the owner(s) within a further 28 days following the election (or such longer period agreed by the City) must seek approval from the City for a specific Public Art work including the artist proposed to undertake the work. The City may apply further conditions regarding the proposed Public Art;
  - (b) no part of the development may be occupied or used unless the Public Art has been installed in accordance with an approval granted by the City;
  - (c) the Public Art approved must be maintained during the continuation of the development; and
  - (d) prior to the lodgement of a building permit application a Notification pursuant to section 70A of the *Transfer of Land Act* must be lodged against the certificate of title to the land on which the development is to be carried out, to make the proprietors and prospective purchasers aware of the preceding condition.
4. Use of the site for the purpose approved shall not commence until an Occupancy Permit is issued.
  5. Provision must be made for access and facilities for use by people with disabilities in accordance with the provisions of the Building Code of Australia and AS 1428.1.
  6. The maximum intensity of light sources measured at 3 degrees above the horizontal shall be limited to 50cd. External lighting shall otherwise comply with the requirements of AS 4282 – Control of Obtrusive Effects of Outdoor Lighting.
  7. A minimum of 189 vehicle parking bays, inclusive of 22 commercial vehicle parking bays, shall be provided in accordance with the approved site plan. Vehicle parking bays, access and circulation areas shall be clearly line-marked on the pavement and designed in accordance with the Australian Standard AS 2890.1 (as amended). Disabled bays are to comply with Australian Standard AS 2890.6 (as amended).
  8. The parking area and pavement shown on the approved plan must have appropriate signs and line-marking installed to give clear direction to motorists in accordance with Australian Standards.
  9. Vehicle access to the site shall be restricted to that shown on the approved site plan. No vehicle access shall be permitted onto the Great Eastern Highway Bypass road reserve.
  10. Redundant vehicle crossovers are to be removed and the kerbing and verge reinstated with grass or landscaping to the satisfaction of the City of Swan.



11. All construction works within the road reserve including crossovers, drainage infrastructure, service adjustment and landscaping placement or reinstatement, must be built and maintained in accordance with the City's specifications. Failure to do so may result in these works being removed and reinstated by the City at the applicant's expense.  
  
At occupancy, the owner is responsible for the maintenance of the crossover, landscaping and reticulation in the verge.
12. Vehicle parking, access, and circulation areas must be sealed, kerbed and drained in accordance with the approved plans, and maintained to the satisfaction of the City.
13. As the development is within the South Guildford District Drainage Contribution Area, a drainage contribution of \$174,726.6 is required. This fee is to contribute towards the upgrade and supply of an adequate drainage service within the area. Payment shall be made prior to the issue of an Occupancy Certificate.
14. All stormwater produced from this property including subsoil drainage is to be collected and disposed on-site via interconnected gully grates with overflow to the City's drainage system to the satisfaction of the City. All earthworks, finished pavement levels and associated stormwater drainage details shall otherwise be in accordance with the approved stormwater plan and the City's requirements.
15. The drainage system of the site must be designed to accommodate a 10 year 12 minute storm event (minimum) with provision of an overland flow path to the City's satisfaction in the event of internal system failure. The system shall have capacity to detain runoff from a 1 year 1 hour storm event prior to discharge into the City's drainage system.
16. A gross pollutant trap must be incorporated as part of the internal drainage system.
17. No fluid, other than uncontaminated stormwater is to enter any stormwater drain without prior approval from the City and the Environmental Protection Authority.
18. No stormwater drainage shall be discharged onto the Great Eastern Highway Bypass road reserve.
19. Earthworks, footings and/or structures are not to extend over any lot boundaries. No earthworks shall encroach onto the Great Eastern Highway Bypass road reserve.
20. An approved effluent disposal system must be installed prior to the occupation of any building the subject of this approval.
21. Fuel dispenser areas and any other areas where petrol, other hydrocarbons or similar matter is likely to be stored and/or discharged shall be constructed in accordance with Department of Water guidelines. In particular, fuel dispenser areas, work bays and wash-down areas shall be covered, paved and bunded/graded to contain trap all waste, which will then pass through an approved petrol and oil separator before being disposed of on-site in a manner outlined in the Department of Water's *Water Quality Protection Note WQPN 68 (Mechanical equipment wash down)* dated September 2013.



22. Refuse bin areas adequate to service the development and in compliance with the City of Swan Health Local Law 2002 (Part 4) shall be provided to the satisfaction of the City's Principal Environmental Health Officer before the development is occupied or used.
23. Potentially unsightly areas (e.g refuse / storage yards) must be screened from view from any public street and/or surrounding development by an opaque wall of at least 1.8m or as otherwise approved by the City.
24. No goods, materials, products, or by-products or wastes of processing are to be stored outside of the building unless in a designated area approved for that purpose.
25. Vehicle parking bays and areas designated for landscaping shall not be used for the storage, display, or sale of any goods, products, materials or equipment whatsoever.
26. All landscaping must be completed in accordance with the approved landscape plan prior to the occupation of any building and all landscaping is to be maintained onsite to the satisfaction of the City.
27. No wall, fence or landscaping greater than 0.75 metres in height measured from the natural ground level at the boundary, shall be constructed within 1.5 metres of a vehicular accessway unless such wall, fence or landscaping is constructed with a 1.5 metre truncation.
28. No street tree on the verge is to be removed or relocated without the prior approval of the City. The cost of removal or relocation is to be paid by the owner prior to the lodgement of a Building Permit application.
29. A plan or description of all pylon signs for the proposed development shall be submitted and approved by the City of Swan as a separate development application.
30. The applicant is to ascertain the location and depth of any services that may interfere with this development. Any adjustment to these services required as part of this approval, must be arranged by the applicant prior to works commencing on the site. Any adjustment must be approved by the relevant service authorities and will be at the applicant's expense.
31. Any additional development, which is not in accordance with the application (the subject of this approval) or any condition of approval, will require further development approval.

#### **Advice Notes**

1. This is a Development Approval of the City of Swan under its Local Planning Scheme No. 17. It is not a building permit or an approval to commence or carry out development under any other law. It is the responsibility of the applicant to obtain any other necessary approvals, consents, permits and licenses required under any other law, and to commence and carry out development in accordance with all relevant laws.



2. Development may be carried out only in accordance with the terms of the application as approved herein and any approved plan.
3. This approval is not an authority to ignore any constraint to development on the land, which may exist through contract or on title, such as an easement or restrictive covenant. It is the responsibility of the applicant and not the City to investigate any such constraints before commencing development. This approval will not necessarily have regard to any such constraint to development, regardless of whether or not it has been drawn to the City's attention.
4. A Development Approval and a Building Permit from the City will be required prior to the construction of mezzanine floors within the subject building.
5. Take notice that it is the responsibility of the applicant to advise the landowner(s) and/or builder(s) of the need to satisfy the requirements of the conditions of the planning approval for the subject lot, prior to or on lodgement of Building Applications. The City will not issue a Building Permit until all the conditions of planning approval and any other requirements pertaining to this planning approval have been met (including payment of fees and charges).
6. In accordance with the Building Act 2011 and Building Regulations 2012, a Building Permit application must be submitted to, and approved by the City's Principal Building Surveyor prior to any construction or earthworks commencing on site.
7. A Demolition Permit must be issued before any demolition work commences on the site.
8. The proposed development is required to comply in all respects with the Building Code of Australia and Health (Public Buildings) Regulations 1992. Plans and specifications which reflect these requirements are required to be submitted with the Building Permit application.
9. To enable your Building Permit application to be assessed promptly, please ensure a complete application is submitted to the City.

To assist in preparing a complete Building Permit application refer to the City of Swan Website ([www.swan.wa.gov.au](http://www.swan.wa.gov.au)) and follow the links to **Building Services - Applicant Checklists**.

If you require assistance, please contact Customer Services on 9267 9267.

10. The Developer must ensure that compliance with the access and facilities for disabled requirements of the Building Code of Australia and all other relevant Australian Standards in respect of access and facilities for the disabled are met.





11. The noise generated by activities on-site, including machinery motors or vehicles is not to exceed the levels as set out under the Environmental Protection (Noise) Regulations 1997.

All development works are to be carried out in accordance with control of noise practices set out in Section 6 of AS 2436-1981 or the equivalent current Australian Standard.

No works shall commence prior to 7.00 am without the City's approval.

12. Fuel or hazardous chemical storage may require a licence from the Department of Mines and Petroleum, see online information at [dmp.wa.gov.au](http://dmp.wa.gov.au) select Resources safety > Dangerous goods.
13. In accordance with the Health Act 1911 and the Health (Treatment of Sewage and Disposal of Effluent and Liquid Waste) Regulations 1974, an application to construct an on-site effluent disposal system must be submitted to and approved by the City's Principal Environmental Health Officer, prior to the construction of such a system.
14. The proposed development is not to be within 1.2 metres of any sewerage septic tank or 1.8 metres of any effluent leach drain without the City's approval.
15. The carrying on of the development must not cause a dust nuisance to neighbours. Site operators must not carry on salvage yard operations unless they are to be carried on in such a manner that no visible dust escapes from the premises (or if there are no defined boundaries to the premises, no such dust escapes into any place to which the public has access).

Where appropriate such measures as installation of sprinklers, use of water tanks, mulching or other land management systems should be installed or implemented to prevent or control dust nuisance, and such measures shall be installed or implemented within the time and in the manner directed by the City's Principal Environmental Health Officer if it is considered that a dust nuisance exists.

16. The applicant/owner shall obtain a Building Permit for pylon sign/s prior to the construction of any pylon sign/s onsite.
17. Kerbs, roadways, footpaths, open drains, stormwater pits, service authority pits and nature strips must be adequately protected during the construction of the development.
18. The City of Swan is authorised and liable for the maintenance and repair of roads under its control within its boundary and pursuant to Section 84 of the Road Traffic Act. The City is authorised to recover costs from the applicant, for the repair and maintenance of these roads if any damage is caused as part of this development to the kerb, footpath, drainage pits, stormwater system, landscaping or signs located within the road reserve.



Where an approval has so lapsed, no development shall be carried out without further approval having first been sought and obtained, unless the applicant has applied and obtained Development Assessment Panel approval to extend the approval term under regulation 17(1)(a) of the *Planning and Development (Development Assessment Panels) Regulations 2011*.



LG Ref: DA-934/2015  
DoP Ref: DAP/15/00947  
Enquiries: Development Assessment Panels  
Telephone: (08) 8551 9919

Mr Stephen Shircore  
Meyer Shircore & Associates  
PO Box 1294  
Subiaco WA 6904

Dear Mr Shircore

**Metro East JDAP – City of Swan – DAP Application DA-934/2015**  
**Lot 62 (72) Hyne Road, South Guildford**  
**Proposed Material Processing Plant, Warehouse and Truck Depot**

Thank you for your application and plans submitted to the City of Swan on 4 July 2016 for the above development at the abovementioned site.

This application was considered by the Metro East Joint Development Assessment Panel at its meeting held on 26 August 2016, where in accordance with the provisions of the City of Swan Local Planning Scheme No. 17, it was resolved to approve the application as per the attached notice of determination.

Should the applicant not be satisfied by this decision, a DAP Form 2 application may be made to amend or cancel this planning approval in accordance with regulation 17 of the *Planning and Development (Development Assessment Panels) Regulations 2011*.

Please also be advised that there is a right of review by the State Administrative Tribunal in accordance with Part 14 of the *Planning and Development Act 2005*. Such an application must be made within 28 days of the determination, in accordance with the *State Administrative Tribunal Act 2004*.

Should you have any queries with respect to the conditions of approval, please contact Ms Hannah Thornton at the City of Swan on (08) 92679267.

Yours sincerely,

R Osborne

**DAP Secretariat**

29/08/2016

Encl. DAP Determination Notice  
Approved plans

Cc: Ms Hannah Thornton  
City of Swan



**City of Swan Local Planning Scheme No. 17**

**Metro East Joint Development Assessment Panel**

**Determination on Development Assessment Panel  
Application for Planning Approval**

**Location:** Lot 62 (72) Hyne Road, South Guildford

**Description of proposed Development:** Proposed Material Processing Plant, Warehouse and Truck Depot

In accordance with regulation 8 of the *Planning and Development (Development Assessment Panels) Regulations 2011*, the above application for planning approval was **granted** on 26 August 2016, subject to the following:

1. **Accept** that the DAP Application reference DAP15/00947 as detailed on the DAP Form 2 dated 1 July 2016 is appropriate for consideration in accordance with regulation 17 of the *Planning and Development (Development Assessment Panels) Regulations 2011*;
2. Modify the approval dated 29 February by:
  - a. substitution of the following plans:
    - i. Revised site plan (SK013 – DA.03) date June 2016.
    - ii. Revised ground floor plan (SK013 – DA.05) date June 2016.
    - iii. Revised elevation plan (SK013 – DA.06) date June 2016.
    - iv. Revised section plan (SK013 – DA.07) date June 2016.
    - v. Revised elevations images (SK013 – DA.08) date June 2016.
    - vi. Revised artist Impressions (SK013 – DA.09) date June 2016.
    - vii. Revised stormwater plan (SK013 – DA.10) date June 2016.
    - viii. Revised landscape plan (SK013 – DA.11) date June 2016.
  - b. Amending condition 7 to read as follows:

A minimum of 204 vehicle parking bays, inclusive of 22 commercial vehicle parking bays, shall be provided in accordance with the approved site plan. Vehicle parking bays, access and circulation areas shall be clearly line-marked on the pavement and designed in accordance with the Australian Standard AS (as amended). Disabled bays are to comply with Australian Standard AS2890.6 (as amended).

All other conditions, footnotes and advice notes remain as per the DAPs' original decision dated 10 March 2016.

Where an approval has so lapsed, no development shall be carried out without further approval having first been sought and obtained, unless the applicant has applied and obtained Development Assessment Panel approval to extend the approval term under regulation 17(1)(a) of the *Planning and Development (Development Assessment Panels) Regulations 2011*.