

EPA Application Form

4. Activity and Capacity

4.3.1 - Storage of Waste and Other Materials - Attachment

Organisation Name: *

Starrus Eco Holdings Ltd.

Application I.D.: *

LA001415

Amendments to this Application Form Attachment

Version No.	Date	Amendment since previous version	Reason
V.1.0	July 2017	N/A	Online application form attachment
V.1.0	March 2018	Identification of required fields	Assist correct completion of attachment

Storage of Waste and Other Materials

State the maximum amount of waste and other materials that will be stored on the site at any one time in the table below¹.

Waste/Other Material	Amount (tonnes) *
Waste accepted and in storage pending treatment:	
Other materials (Non-waste) accepted, including non-waste feedstocks:	
Capacity of treatment vessels and chambers:	
Treated waste, whether classified as waste or not:	

List any other feedstocks to the treatment process not classified as waste. State 'none' if none.*

The types and maximum amount of wastes on site at any one time are listed in the Waste Storage Plan, a copy of which is attached. The Plan is a dynamic document that changes over time in response to market conditions and is subject to the approval of the OEE. The oil storage bund, which has a capacity of 32,000 litres, contains a 19,000 litre vehicle refuelling diesel tank, a 2,300 litre waste oil tank, a 2,500 plant refuelling diesel tank and a 1,000 litre IBC (Ad-Blue). Engine and hydraulic oils are stored in 205 litre drums in dedicated areas inside the building.

¹ This should include waste and other materials in: (1) reception, inspection and quarantine areas; (2) storage pending treatment; (3) storage after treatment; and (4) vessels, chambers or tanks during treatment or processing.

* indicates required field

BAY CAPACITIES

MSW – Municipal Solid Waste – **BAY CAPACITY 500 TONNES**

LIGHTS – **50 TONNES**

METAL – **25 TONNES**

WOOD – **40 TONNES**

MATT – Mattress’ – **MATTRESS’ TO BE STRIPPED**

SPRING – Mattress springs – **300 UNITS**

C&D CLEAN – Bulky Construction and Demolition – **BAY CAPACITY 85 TONNES**

COMP – Compost – **BAY CAPACITY 80 TONNES**

COMP – Compost Commercial = **BAY CAPACITY 25 TONNES**

LDf – Landfill Material – **CAPACITY 75 TONNES**

PM WORK – **TYRES THAT ARE TO BE STRIPPED DOWN FROM STEEL HUBS & GAS BOTTLES AND EXTINGUISHERS TO BE DECANTERED DAILY**

C&I – Commercial & Industrial Dry Lights – **BAY CAPACITY 100 TONNES**

C & D – Mixed Construction and Demolition fines – **BAY CAPACITY 70 TONNES**

FRAG BINS – Metal extracted from waste stream – **2 X 35CY SKIP**

FINES – Organic Fines extracted from waste stream – **2 X TIPPING TRAILERS @ 25 TONNES EACH**

19.12.12 – PROCESSED MSW FOR BALING – **BAY HOLDS 10 TONNES BUT IS EMPTIED CONSTANTLY**

Waste and material outputs from waste activities (i.e., those subject to Waste licensing or class 11 of the First Schedule of the EPA Act)

Describe the waste and material outputs from the installation resulting from the treatment of waste. If no treatment is carried out on the waste, the waste outputs will be the same as the inputs.

If waste is treated, describe the nature and quantity of the treated waste and its onward fate/destination, and in particular whether it is sent for onward recovery or disposal operations.

If waste is treated and a material is produced that is no longer a waste, provide the rationale for such classification. The requirements of Article 28 of the European Communities (Waste Directive) Regulations 2011 should be addressed in any such rationale. Include the response in this attachment.

The mixed residual wastes are treated in the main processing building to remove organic fines, metal and wood, which are sent off-site for further treatment. The remaining non-recyclable materials are suitable for the manufacture of refuse derived fuel (RDF) and are baled, wrapped and stored in the open paved yards before being shipped overseas to energy recovery facilities.

The mixed C&I and C&D waste are off-loaded inside the main processing building where recyclables are segregated and sent off-site for further treatment, with the remaining non-recyclable materials, depending on the nature, either baled as RDF or sent to licensed landfills.

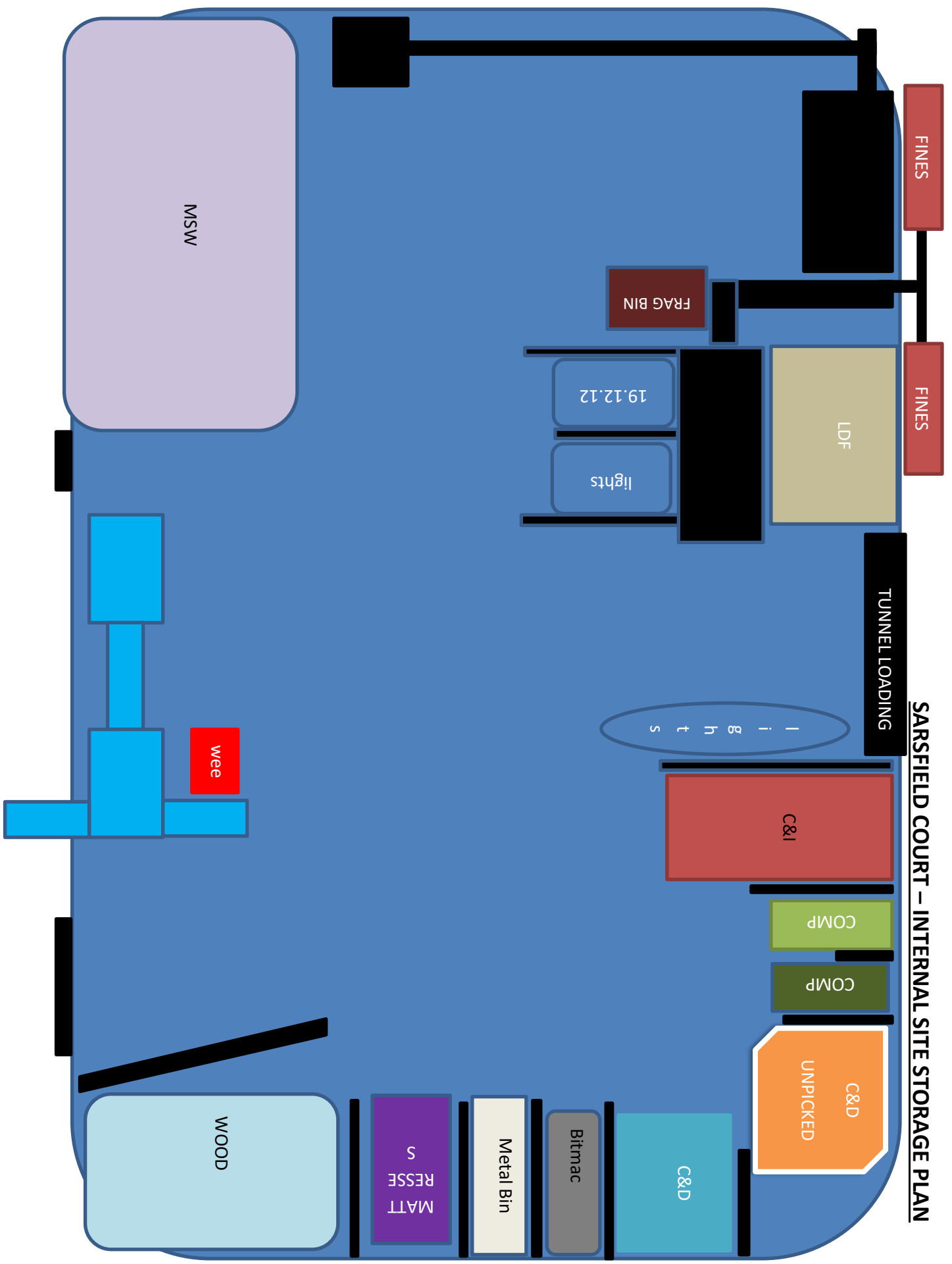
The source separated dry recyclables arrive either already baled or loose. The bales are off-loaded and stored in the yard. The loose materials are off-loaded inside the recycling building and then baled. The mixed dry recyclables are processed to remove non-suitable materials and separate then baled and stored before being sent to authorised plants for treatment.

For Soil Recovery Activities (only), please complete the following table: Not Applicable

All blank fields in the table are mandatory

Soil Recovery Activity Details	Input a value into ALL blank cells (where applicable)			
Volume of void to be filled and authorised by planning permission:				m ³
Quantity of waste soil and stone that is required to fill the void:				tonnes
Proposed annual intake of waste soil and stone:				tonnes per annum
Proposed duration to complete the fill:				years
Stage of fill: 'Not Commenced' OR 'Commenced':				
- If commenced: quantity of waste already deposited in the void: <u>(Enter a value in both cells)</u>		m ³		Tonnes
- Volume of void remaining:				m ³
Period of previous fill: (<Year> to <Year>):				
Quantity of fill authorised by planning permission: <u>(Enter a value in both cells)</u>		m ³		Tonnes
Waste Licence, waste facility permit, or certificate of authorisation number: <u>(Attach copy in this document)</u>				

SARFIELD COURT – INTERNAL SITE STORAGE PLAN



BAY CAPACITIES

MSW – Municipal Solid Waste – **BAY CAPACITY 500 TONNES**

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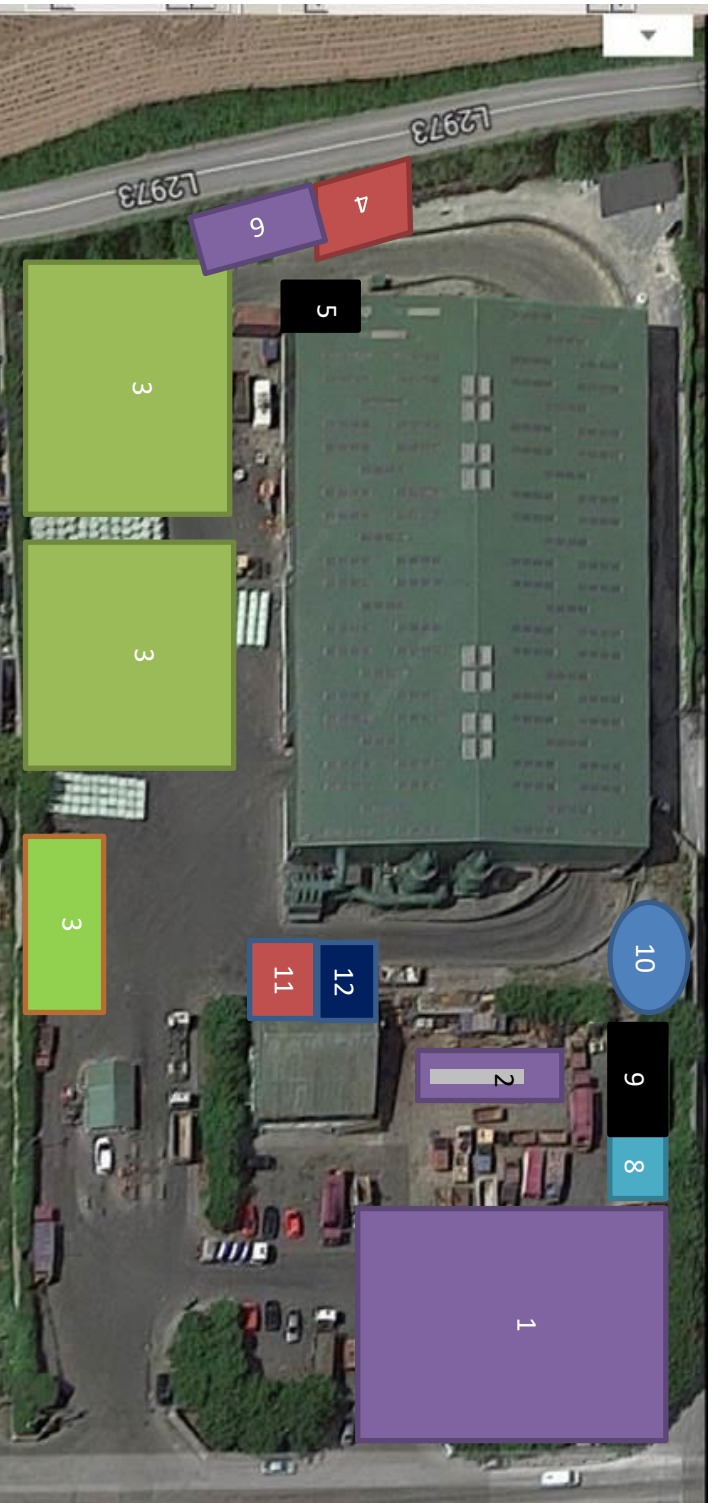
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SARSFIELD COURT - EXTERNAL SITE STORAGE PLAN



1 – CIVIC AMNMENTITY AREA

2 – SKIPS AND ROLL-ON BINS FOR REPAIR

3 – RDF BALES

4 – **QUARANTINE / GAS BOTTLES, ELECTRICAL (WEEE)**

5 – **BUNDED OILS CONTAINER**

6 – WEEE STORAGE & **SPARE BUNDED HYDRAULIC OIL**

8 – BUNDED AD-BLUE

9 – **DIESEL BUND AREA FOR TRUCK AND PLANT REFUELING**

10 – WATER STORAGE TANK

11 – FIRE DAMAGED WASTE QUARANTINE SKIP

12 – WASTE TYRES SKIPS

SARSFIELD COURT - EXTERNAL SITE STORAGE PLAN

MAIMUM QUANTITYS FOR EACH EXTERNAL STORAGE AREA

AREA #3 – MAXIMUM OF 1700 BALES (1500 TONNES) IN EACH BAY WITH A BREAK OF 2M BETWEEN BOTTOM BALES AND 5M BETWEEN TOP BALES AND 3M HIGH CONCRETE WALL IN PLACE

STACKED AT A MAXIMUM OF 4 BALES HIGH

AREA #4 - CAGES OF GAS BOTTLES AND EXTINGUISHERS

AREA #5 – MAXIMUM OF 4 X 1000L IBC CONTAINERS

AREA #6 – MAXIMUM OF 1 X ARTIC TRUCK LOAD OF WEEE AND 2 X IBC'S OF HYDRAULIC OIL

AREA #8 – MAXIMUM 6000L ADDBLU TANK

AREA #9 – MAXIMUM OF 17,830 LITRES OF DIESEL (2 TANKS 1X ROAD DIESEL 15,000LTS 1 X PLANT DIESEL 2830LTS)

AREA #10 – MAXIMUM OF 60,000 LITRES OF WATER STORED

AREA #11 – 1 X 6CY SKIP QUARANTEEN AREA FOR FIRE DAMAGED MATERIAL

AREA #12 – 2 X 2.5 CY SKIPS FOR WASTE TYRES