

# ENTYRE GROUP LIMITED

## Environmental Management System

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# 1 - BUSINESS ACTIVITY

Primary Activity: The purchase of 'End of Life' truck tyres (casings) for grading/sorting for further use as source material for the manufacturer of re-tread truck tyres.

Re-tread truck tyres consume approximately 1 million casings per annum.

Principle trading partners:

Michelin Tyre Plc, Continental Tyre Ltd (Bandvulc), Vaculug Traction Tyres Ltd. There has been commercial arrangements with these key UK re-tread manufacturers in excess of 20 years.

Truck casings are purchased to order based on a specified requirement (manufacturer requirement), stockholding is to alleviate the need for the manufacturer to hold excessive stock, and to facilitate a 'just in time' casing supply chain.

In the event of a major incident on the ENTYRE GROUP LIMITED site, the purchase activity would cease thus ending the supply of truck casings onto the site.

There is no manufacturing activity on the site. Activities are tactile grading, sorting and outside storage.

## 1a – KEY PERSONNEL

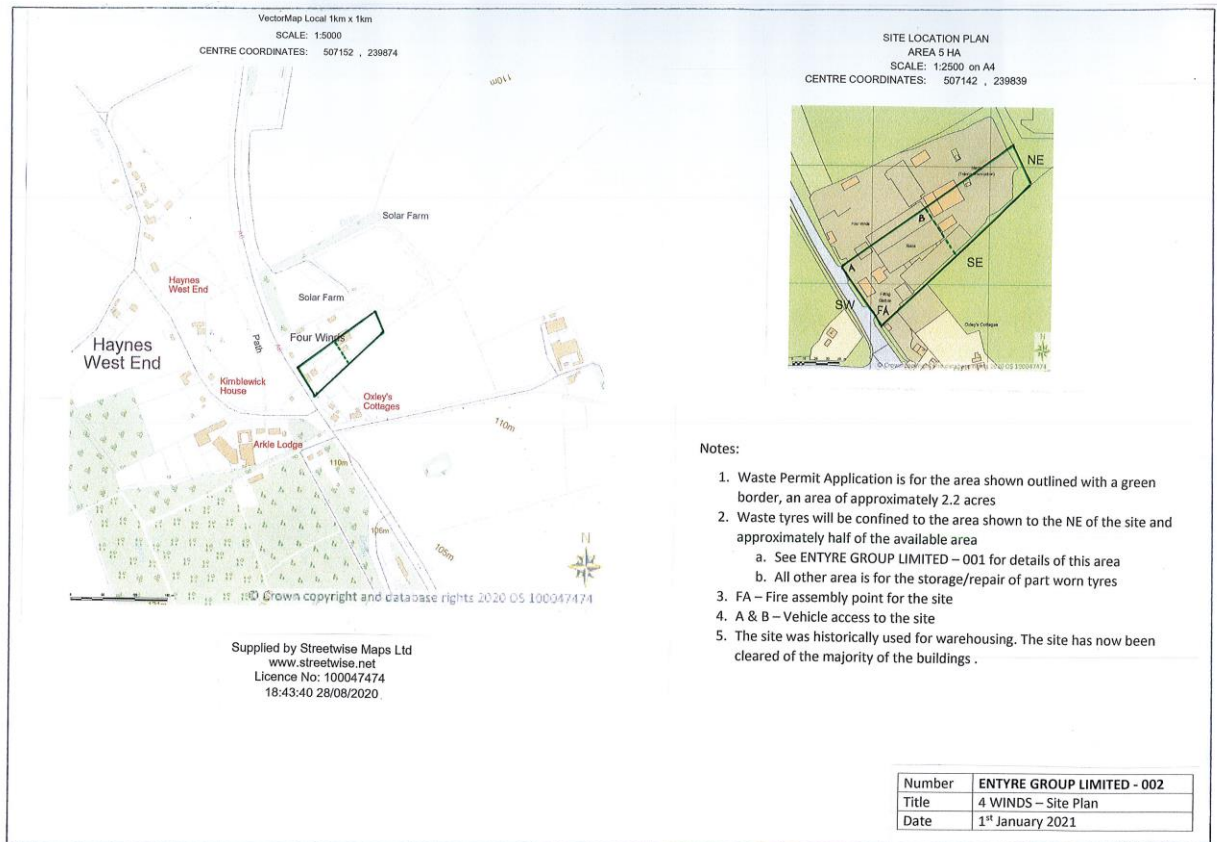
Paul Bruce – Director

Nicola Doyle – Office Manager/WAMITAB

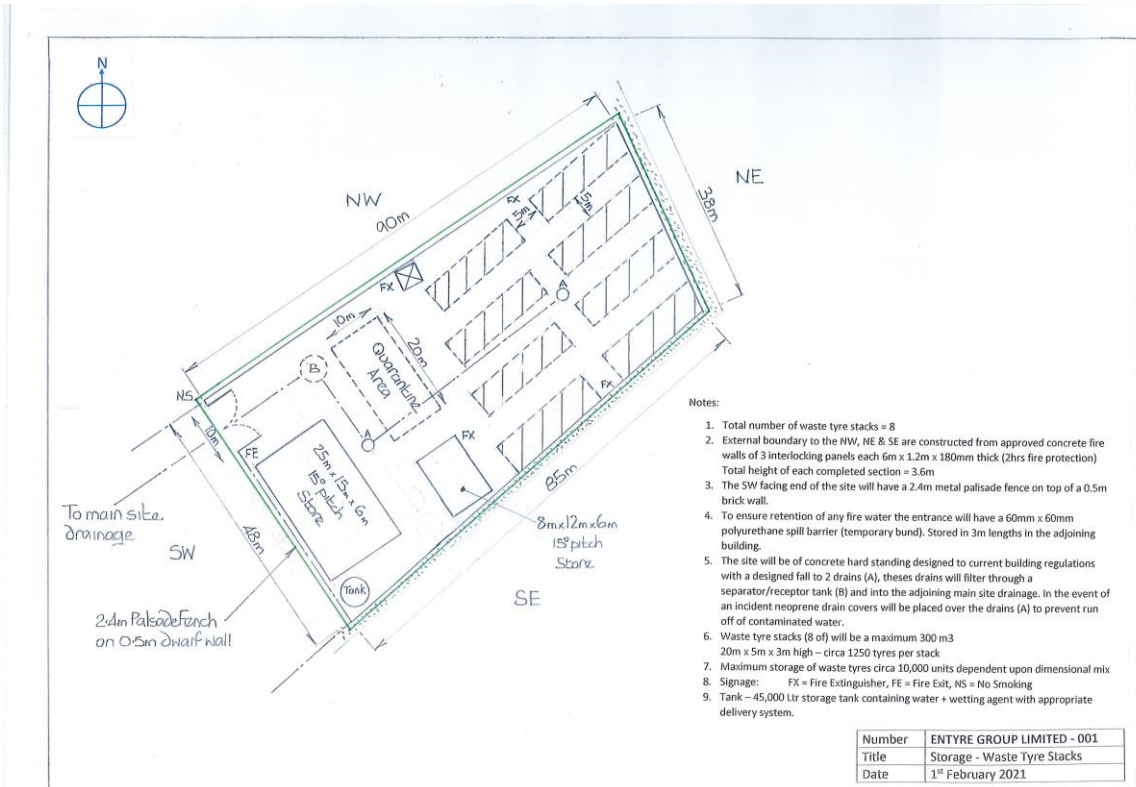
Site Operations Manager - TBC

## Appendix 1

### Site Location - 4 WINDS Site Plan – ENTYRE GROUP LIMITED 002



## Appendix 2 Storage – Waste Tyre Stacks – ENTYRE GROUP LIMITED 001



## Appendix 2a

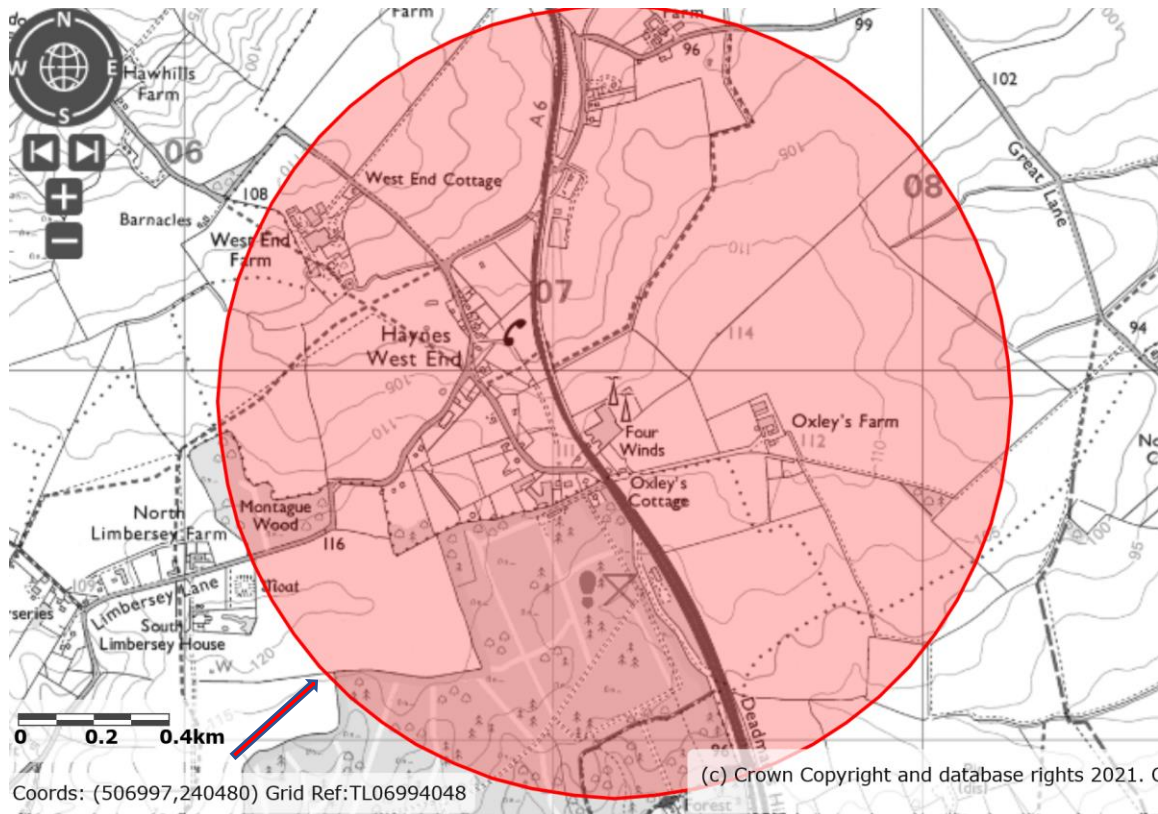
Number	<b>ENTYRE GROUP LIMITED - 008</b>
Title	Site Drainage Plan
Date	1 <sup>st</sup> February 2021



### Notes

- Drain cover (Manhole)
- Separator/Receptor tank
- Main Site collection tank (all waste water for the site is collected here)
- - - Drain
- Water & Electricity input to site

### Appendix 3 ENTYRE GROUP LIMITED (4 Winds) – Sensitive Receptors



**Notes:**

The 'Red Circle' defines a radius of 1 km.

**Sensitive Receptors:**

ENTYRE GROUP LIMITED – 002

This drawing shows the details of residential and commercial properties within the RED circle.

**Wind direction (Red Arrow)**

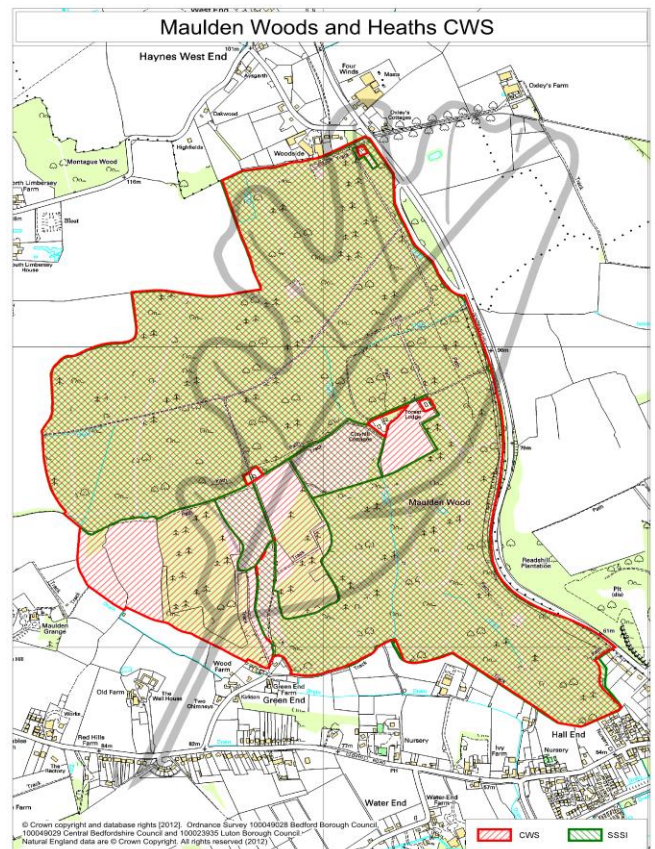
The prevailing wind direction would take smoke away from any residential area. The 'normal' direction of the prevailing wind (South Westerly)

**Watercourses**

None within the 1 km target area

**Nature & Heritage Conservation sites**

See attached drawing from Beds & Luton Biodiversity Recording & Monitoring Centre.



## 2 - THE PREMISES

### ENTYRE GROUP LIMITED

4 WINDS Industrial Estate, Bedford Road, Haynes West End, Bedfordshire, MK45 3QT

Tel No: +44 01908 271404

Grid Reference: TL 07 150 39861

**Site Usage:** Truck tyre casing sorting & storage.

External site: 180m long, 50m (Av) wide

Site area: Approximately 2.2 Acres

Site Drawings: ENTYRE GROUP LIMITED 001 & 002

Route from nearest main junction. A6/A507 Roundabout, Clophill

Grid Ref of junction: TL 08 175 37586

From A6/A507 Roundabout Clophill take the A6 North for 3 kms to LH turn to Haynes West End, the entrance to the 4 WINDS Industrial Estate is 50m further north on the A6 past the junction & on the RH side of the A6.

### THE SITE

<b>Exterior site</b>	Waste area (NE of the site) enclosed on 3 sides by a concrete wall comprising of 3 interlocking panels each 6mL x 1.2mH x 180mmD which provides an approved 2hr fire protection. On the 4 <sup>th</sup> side there is a 2.4m high metal palisade fence.
<b>Approximate area: (m<sup>2</sup>)</b>	8,900 m <sup>2</sup> (approximate) or 2.2 Acres See drawings: ENTYRE GROUP LIMITED 001 & 002
<b>Signage at the entrance to the site</b>	Signage at the site entrance to include: Company Name & Contact details 'Permitted by EA' with emergency & hotline numbers
<b>Site security</b>	The site is occupied from 8.00am until 5.30pm Monday to Friday & 8.00am to 12.30pm on Saturday The premises are covered by CCTV. The site is kept secure by a metal mesh fence and gates.
<b>Signage - Exits</b>	All exits clearly signed

### 3 - MANAGEMENT OF WASTE

<b>WASTE MANAGEMENT ACTIVITIES</b>	
Storage of waste pending despatch to a re-treading or reprocessing facility.	Storage of <b>whole</b> waste <b>truck &amp; bus</b> tyres.
<b>Type of waste</b>	End of life <b>whole truck</b> tyres
<b>EWC code</b>	16 01 03
<b>Process</b>	Unloaded and loaded manually from vehicles to site storage and/or stand trailers
<b>Maximum time of storage</b>	3 months. Waste tyres are received on site at the rate of approx. 60 tonnes/week The maximum storage capacity within the stacks = 500 tonnes Waste tyres are acquired to meet the requirements of the UK re-tread industry and those requirements are clearly defined by dimension. The throughput of waste is balanced ie over a 12 week period the input would normally mirror the output The process to ensure stock rotation is as follows: <ol style="list-style-type: none"> <li>1. Each waste stack location is allocated a number</li> <li>2. The location has an individual log of input vs output and reviewed every 4 weeks. Over the full 12 week period the stock will have fully rotated</li> <li>3. The site operations manager will be responsible for signing the individual locations within the 12 week period</li> </ol>
<b>Maximum capacity of site storage</b>	500 tonnes or circa 10,000 tyres The reality is that this would rarely exceed 9,000 tyres and the quantity on site at any given time is monitored.
<b>Storage of waste</b>	Waste will be stored in stacks 20m x 5m x 3m H and separated by a 5m gap. The site is surrounded by fire retardant walls (2hrs) on 3 sides with a metal palisade to the 4th side. The nearest building being a minimum of 5m from any one of the stacks. <b>Storage Waste Stacks ENTYRE GROUP LIMITED - 001</b>
<b>Maximum volume of external waste piles</b>	300 m <sup>3</sup>
<b>Location of stored waste piles</b>	Yard area (outside). The number of waste piles is shown in: <b>Storage Waste Stacks ENTYRE GROUP LIMITED - 001</b>
<b>Maximum size of each waste pile</b>	20m long 5m wide 3m high
<b>Minimum separation of each external pile</b>	Stacks will be placed against the outer walls as they are manufactured from interlocking concrete with approved sealant between the joints creating a 2 hr fire safety feature. Each stack will be separated by a 5m gap and be 0.6m lower than the height of the wall to prevent fire wicking over the top of the wall.
<b>In the event of a major incident</b>	The following actions would be initiated in the event of a major incident, these actions are designed to mitigate the effect of contaminated water run off. <ol style="list-style-type: none"> <li>a) Surface water would gather on the site due to the surface design being impermeable concrete. The drains within the site would be covered with neoprene drain bunds (covers) to prevent the exit of contaminated water.</li> <li>b) Specifically designed 'polyurethane bunds' (spill barrier 90 mm high) would be deployed across the vehicular entrances/exit.</li> <li>c) The SW exterior of the site will have a metal palisade fence on top of a 0.5m retaining wall to completely seal the site.</li> </ol>



## 4 - MECHANICAL HANDLING EQUIPMENT

<b>Mechanical Handling Equipment (MHE)</b>	
MHE used on site? 2 Rough Terrain FLT – Diesel (Diesel Supply tank situated off waste tyre site)	<b>YES</b>
MHE driven by trained operators only? (Training includes statutory pre use checks, instructions on what to do in event of an MHE fire etc.)	<b>YES</b>
MHE serviced regularly? (500 hours or 3 months minimum requirement) – These will be new vehicles purchased/leased specifically for the location and will be subject to manufacturers maintenance schedules which will be available for inspection.	<b>YES</b>
All operators of MHE will have the appropriate licence. Available for inspection with review dates planned	<b>YES</b>

## 5 – INTERNAL AREA (CANTEEN)

Located in the larger building. (ENTYRE GROUP LIMITED 001)

<b>CANTEEN AREA</b>	
Measures taken to prevent fires as a result of use of equipment in this area 1 canteen / kitchen: Fridge (1), Microwave (1), Kettle (1), Toaster (1), Water Dispenser (1)	
Equipment is properly maintained? e.g. PAT tested	<b>YES</b>
Suitable extinguishing appliances located within the canteen area?	<b>YES</b>
Signage – All exits clearly signed	<b>YES</b>

## 6 - ENVIRONMENTAL MANAGEMENT

<b>ENVIRONMENTAL PROTECTION</b>	
<b>Source of pollution</b> <i>Low Risk</i>	Waste tyres are unlikely to give rise to odour, littering or pest problems. The site operations generate low noise levels.
<b>Pathways for run off</b>	Impermeable site surface-fire water contained within site. Walls/Spill bunds/Neoprene drain bunds
<b>Receptor sensitivity</b>	Immediate location within 100 mtrs – Units contained within the 4 WINDS Industrial Estate & adjoining property to SE of site Wider area, up to 1 Km – Residential & commercial properties see attached map ( <b>Appendix 3</b> )
<b>Site Design – fire water containment</b>	The site ( <b>ENTYRE GROUP LIMITED 001 &amp; 002</b> ) is enclosed on the NW, NE & SE side by a permanent 3.6m high x 180mm thick fire retardant wall (2hrs). On the SW side there is a combination of small wall approx. 0.5m high with a 2.4m metal palisade fence on top and a temporary removeable 90mm polyurethane bund (spill barrier) to be placed across the entrance/exit in the event of an incident, creating a sealed site to contain water used to extinguish any fire. The site is surrounded by agricultural land on 2 (NE & SE) sides with an industrial site to the NW and warehousing proposed for the SW. The nearest building being a minimum of 20 mtrs.

<b>ACCIDENT/INCIDENT &amp; NEAR MISS PROCEDURE</b>	
<b>Accidents</b>	All accidents must be reported to management and recorded in the site accident book All accidents must be reviewed in light of the requirements of RIDDOR and any necessary reporting under these requirements carried out. Apart from very minor accidents, all accidents must be investigated by a member of the management team & copies of any findings retained.
<b>Incidents/Near Misses</b>	All incidents (including spillage) and near misses must be reported to management and recorded in the site diary/daily inspection sheet. All incidents and near misses must be reviewed in light of the requirements of the permit and site operating/reporting systems and any necessary reporting under these requirements carried out.
<b>Environmental</b>	In the event that there is an incident or complaint relating to a breach of standards of environmental performance such as odour, littering, dust, noise, contamination of roadways etc. the Director must be informed immediately. The nature of the incident/complaint, including what, where & when as well as the details of any complainant must be recorded in detail and any evidence (including photographs) retained.

**Recording/Reporting**

The results of investigation as recorded on the relevant form should be used to modify procedures, infrastructure or training as necessary to reduce the potential for a repeat of the problem that lead to the accident, incident, near miss or complaint.

The form must detail any actions required to prevent recurrence of the problem and record that the auditing of the activity, within the required timescale, to confirm that this action has been implemented has been carried out.

It is the responsibility of the Director to investigate fully all accidents and incidents and, in the case of complaints, report to the main board, the complainant and any relevant authorities the outcome of this investigation and initiate as soon as practical any remedial action that he deems necessary.

## 7 - TESTING MAINTENANCE & RECORD KEEPING

<b>TESTING AND MAINTENANCE</b>	
Testing and Maintenance is managed by:	Nicola Doyle – Office Manager
Deputy or assistant:	Site Operations Manager
Weekly testing of fire alarm (day / time and is it displayed)?	<b>YES</b>
Annual maintenance of fire extinguishing appliances?	<b>YES</b>
Periodic inspection of external escape exits (main entrance/exit)	<b>YES</b>
Routine checks of final exit and/or security fastenings?	<b>YES</b>

<b>RECORD KEEPING</b>	
Appropriate records held for:	
Location of records	<b>PB TYRES LLP (Bletchley)</b>
FLT maintenance schedules	<b>YES</b>
Contractors permits to work to include 'Hot Working' procedures	<b>YES</b>
Building Electrics Certification	<b>YES</b>

Copies	Environment Agency	Date 1 <sup>st</sup> February 2021
Document Location	Reception ENTYRE GROUP LIMITED 4 WINDS Industrial Estate, Bedford Road, Haynes West End, Bedfordshire, MK45 3QT	Date 1 <sup>st</sup> February 2021