

WRT

Division: Fibre Sort Hartlepool	Service: Waste Sorting and Recycling	Reference: FibSort 1
Activity: ENVIRONMENTAL RISK ASSESSMENT	Site: Windermere Road, Hartlepool	
<p>The working premises at Hartlepool receive paper, cardboard, plastics and metal cans for secondary sorting to improve the quality of the product.</p> <p>Mechanical handling and sorting is carried out throughout the process which takes place inside a controlled building which sites in a fenced of enclosed and controlled site for security and safety.</p> <p>Waste is release from walking floor wagons and onto a conveyor system that takes the product through automated sorting and screening tasks to provide a cleaner product for baling and loose loading inside the building before onward haulage off site.</p> <p>The internal environment is controlled but the exercise for this risk assessment incorporates the necessary environmental considerations.</p> <p>People & Places at Risk: Site staff, visitors, vehicle drivers, and members of the public.</p> <p>There are sensitive habitats approx. 900mts south of the site and these areas are also considered in operations. The prevailing wind direction is south west which would take airborne items away from the wildlife habitats as noted on DEFRA-Magic website.</p>	<p>Mentioned below in People & Places at Risk there is a sensitive habitat to the south of the site. However we have all of the operations controlled inside the building. There will be no intended waste likely to escape from the building and the prevailing wind is typically in a direction that diverts waste away from the sensitive area.</p> <p>Our site inspection routines also include perimeter fence checks and a weekly visit to the sensitive area by site management to reinforce our intentions to protect the environment.</p> <p>Our procedures for the site will provide a low or no risk to the sensitive habitat.</p>	
<p>Personal protective Equipment: All PPE equipment applicable to tasks will be utilised in accordance with individual RA's</p>		
<p>Contact Person: Nigra Sootir... Job Title: General Manager... Date: 8/10/2018</p>		<p>Review Date: 7/10/2019</p>

Risk Evaluation

Hazard	Risk	Initial Rating (L, M, H,)	Existing Control Measures	Final Rating (L= low, M = medium, H = high,)	Additional Action Required (action by whom and completion date)
Release of dust or fine airborne particles.	Loss of general vision for operators and / or blindness of anyone affected.	L	<ul style="list-style-type: none"> Dust suppression is installed on internal operating conveyors and equipment. Conveyors are inspected and maintained to remove dust build-ups Vehicles are loaded / unloaded inside the building External dust monitoring is carried out throughout the day and sprinklers activated to supervisors instruction Vehicle speed limited to 5mph 	L	Continual monitoring and awareness by supervisors
Airborne litter	Cause of driver losing vehicle control. Possible injury to site users and visitors. Damage to vehicles / buildings.	L	<ul style="list-style-type: none"> All vehicles arrive and leave the depot with sheeted and secured loads. Staff carry out daily inspections including a litter pick. Vehicles are loaded and off loaded inside the building. 	L	Continual monitoring and awareness by supervisors.
Noise control	Vehicle movement and equipment operations causing excessive noise levels	L	<ul style="list-style-type: none"> All sorting and handling operations are carried out inside the building. Minor movement by site plant outside the building will be limited : carried out using controlled noise levels on equipment and also in consideration of other neighbours and adjacent operations. The legal decibel levels will be adhered to 	L	Ensure compliance of noise levels are adhered to by supervisors.

Hazard	Risk	Initial Rating (L, M, H,)	Existing Control Measures	Final Rating (L = low, M = medium, H = high,)	Additional Action Required (action by whom and completion date)
			<ul style="list-style-type: none"> and all plant will be maintained at the manufacturers guideline designed levels. Road vehicles will be in compliance with transport regulation noise levels or held on site until repaired. 		
Odour and smells from waste products	The escape of noxious odour from the operation activities.	L	<ul style="list-style-type: none"> The waste entering site is typically cleaned after undergoing one process but it is also from dry recycled waste collections with low odour content 	L	None
Vermis	Spread of disease and discomfort to neighbours and staff	M	<ul style="list-style-type: none"> Daily checks of traps and controls by supervisors Ongoing reports by external pest control companies providing guidance Ongoing pest control (outsourced) 	L	Ensure inspections take place
Spillages	Pollution of drainage systems	L	<ul style="list-style-type: none"> Spill drills are in place to train staff about response requirements Quarantine areas are in place to secure arisings if required prior to onward disposal Tanks are all double skinned and banded. Drainage is to tanking through interceptors allowing capture 	L	Ensure training pattern is followed
Fire prevention	Total loss of the operational unit and a severe risk to life of those adjacent to an incident due to	H	<ul style="list-style-type: none"> There is an agreed Fire Prevention Plan in place The Tyco Automated water deluge system is fully automated for constant operation including out of hours automatic controls. 	L	Maintain monitoring and Training

Hazard	Risk	Initial Rating (L, M, H,)	Existing Control Measures	Final Rating (L= low, M = medium, H = high,)	Additional Action Required (action by whom and completion date)
	combustibility of site materials. Arson or unwanted intrusion (see site security)		CCTV monitoring for over-riding of the auto system. The barrier system triggers with the water release to contain and hold polluting waters inside the building. <ul style="list-style-type: none"> • Fire wardens • Fire drills • Fire alarm and equipment inspections weekly • Full equipment review annually or to manufacturers guidelines • Training for all staff • Permit to work for all contractors • Hot Permit to Work for everyone 		
Site security	Unlawful entrance of intruders. Vehicles depositing illegal waste.	M	<ul style="list-style-type: none"> • Entrance and exit of staff and vehicles is via one main gateway that is constantly monitored. • CCTV systems record the perimeter, the general site and the operational building areas with a back-up facility to recall incidents. • Daily site inspections and walking and checking the perimeter areas ensure no breaches have occurred. 	L	Ensure equipment is maintained and that inspections are followed and actioned.