

A07 RHAYADER DEPOT RISK ASSESSMENT 11-07-2013/ Reviewed on 19-11-15

Waste Transfer Station (A11)						
Hazard	Receptor	Pathway	Risk management	Probability of exposure	Consequence	What is the overall risk?
<i>What has the potential to cause harm?</i>	<i>What is at risk? What do I wish to protect?</i>	<i>How can the hazard get to the receptor?</i>	<i>What measures will you take to reduce the risk? If it occurs – who is responsible for what?</i>	<i>How likely is this contact?</i>	<i>What is the harm that can be caused?</i>	<i>What is the risk that still remains? The balance of probability and consequence.</i>
Litter	Local residents Nant Gwynllyn watercourse Local roads	Transported by the air, windblown	Store recyclates in enclosed building or sheeted skips. Litter fence around perimeter. Appointed person to undertake regular inspections and litter pick as required. Site checklist to be completed daily to record compliance with risk management procedures	Low	Local nuisance	Low
Dust and small particles.	Local residents and employees	Deposition from the air	Clean and sweep area regularly Site checklist to be completed daily to record compliance with risk management procedures Appointed person	Low	Respiratory problems, nuisance, loss of amenity	Low
Surface water.	Contamination to watercourses / groundwater	Direct run off from the site, drainage system, etc	Daily site inspection to be undertaken. All surfaces are impermeable and will fall to gullies for collection and outfall to the public foul sewer system, effectively a sealed system. The recyclate will be stored in an enclosed building or sheeted skips. Outside areas where recyclates are handled will be bunded with rollover kerbs. All areas will be cleaned following handling of recyclates. Drainage systems will be regularly	Low	Contamination of ground or surface water	Low As long as all procedures are adhered to

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			maintained Spill kits will be available on site. Toolbox talks will be undertaken regularly. Site checklist to be completed daily to record compliance with risk management procedures Appointed person			
Odour	Employees Local residents	Smell	Dry recyclate will be moved out of the depot on a regular basis. Food waste will be emptied at least twice a week. The refuse vehicles will be washed out after each tip. Washing out will take place in a designated area, on an impermeable surface with sealed drainage. The food waste skip will be sealed and kept closed unless being filled or emptied. The skip will be washed out each time it is emptied. Washing out will take place in a designated area, on an impermeable surface with sealed drainage. Areas utilised for handling recyclate will be cleaned regularly. Site checklist to be completed daily to record compliance with risk management procedures Appointed person	Low	Nuisance to employees and residents, loss of amenity	Low As long as all procedures are adhered to

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Vermin	Employees Local residents	Disease Animal bites	Dry recyclate will be moved out of the depot on a regular basis. Food waste will be emptied at least twice a week. The refuse vehicles will be washed out after each tip. The food waste skip will be sealed and kept closed unless being filled or emptied. The skip will be washed out each time it is emptied. Washing out will take place in a designated area, on an impermeable surface with sealed drainage Areas utilised for handling recyclate will be cleaned regularly. Site checklist to be completed daily to record compliance with risk management procedures Appointed person	Low	Disease passed on by rodents, etc Animal bites	Low As long as all procedures are adhered to
Food waste	Employees	Splashes / spillages	Appropriate Personal Protective Equipment (PPE) including face visors and gloves to be worn when handling food waste. Spills to be cleaned up immediately. The Food waste will be tipped directly and stored in a sealed, lidded unit which will be emptied at least twice a week The refuse vehicles will be washed out after each tip. Washing out will take place in a designated area, on an impermeable surface with sealed drainage. Toolbox talks to be undertaken regularly.	Low	Employee contamination	Low

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			Site checklist to be completed daily to record compliance with risk management procedures Appointed person			
Glass	Employees	Lacerations from broken glass	All vehicle guards to remain in place. Appropriate Personal Protective Equipment (PPE) including face visors and gloves to be worn when handling glass. Toolbox talks to be undertaken regularly Site checklist to be completed daily to record compliance with risk management procedures Appointed person	Low	Serious injury to employees	Low As long as all procedures are adhered to
Vehicle movements - particularly reversing	Employees	No awareness of people movements	Appropriate signage and markings will be in place. A reversing assistant must be available before any vehicle enters the site and be used for reversing vehicles. All procedures and guidelines to be adhered to. Toolbox talks to be undertaken regularly Site checklist to be completed daily to record compliance with risk management procedures The driver	Low	Serious injury to employees	Low As long as all procedures are adhered to
Noise	Employees	Sound generated	Glass bay located away from residential	Low	Nuisance to	Low

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	Local residents	when tipping Sound generated by vehicle movements	properties. Ear protection to be worn when handling glass. Site checklist to be completed daily to record compliance with risk management procedures Vehicle movements will be managed so that the overall level of noise caused by additional recycling vehicles does not increase over that which is currently observed.		employees and residents, loss of amenity	
Visitors to the site	Visitors	No awareness of site layout and operations being undertaken	Visitors must sign in on arrival. All visitors or guests will be accompanied on the site and identified by appropriate PPE. Visitors will be isolated from operational activities. Appropriate parking facilities, walkways, signage and road markings in place. Site checklist to be completed daily to record compliance with risk management procedures Appointed person	Low	Serious injury to visitors	Low As long as all procedures are adhered to
Fuel / Oils	Spillages / contamination to watercourse / groundwater	Watercourses / groundwater	Pollution plan to be in place. Soak up granules and spill kits available on site. Spillages to be reported. Employees to receive spill kit training. Refuelling areas will be bunded with roll over kerbs.	Low.	Contamination of ground or surface water	Low As long as all procedures are adhered to

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			Toolbox talks to be undertaken regularly Site checklist to be completed daily to record compliance with risk management procedures Appointed person and all employees.			
Slips, trips and falls	Employees, visitors	Bad housekeeping	Site to be kept clean and tidy. Spillages to be reported and cleaned up immediately. Hosepipes to be stowed away after washing down is complete. Toolbox talks to be undertaken regularly. Any concerns to be reported. Site checklist to be completed daily to record compliance with risk management procedures Appointed person and all employees.	Low	Serious injury to employees	Low As long as all procedures are adhered to
Residual Waste/Municipal Waste.	Employees	Spillages/Smell	Toolbox talks to be undertaken regularly Site checklist to be completed daily to record compliance with risk management procedures Site to be kept clean and tidy. Spillages to be reported and cleaned up immediately. Appointed person	Low	Employee contamination	Low

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Green waste	Contamination to watercourses / groundwater	Direct run off from the site, drainage system, etc.	Green waste to be stored on an impermeable surface with sealed drainage to foul sewer. Storage time will be limited to prevent decomposition through fermentation/composting and odour issues. Waste will be removed at least once a week.	Low	Contamination of ground or surface water. Pollution of adjacent SAC. Potential odour issues.	Low