

Doc Ref AL/03

**Allwayste Recycling Ltd**

Waste Recycling & Transfer Facility,  
Unit 5 Shawfield Road,  
Carlton Industrial Estate,  
Barnsley,  
S71 3HS.

Risk Assessment including H1  
Assessment

February 2011

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## **1. Introduction**

1.1.1 This document comprises the environmental risk assessment for Allwayste Recycling Ltd located at Unit 5, Shawfield Road, Carlton Industrial Estate, Barnsley, S71 3HS.

1.1.2 H1 Part 1 Assessment gives an assessment from the site using simple classification of high, medium or low risk; it identifies the sources risk and how these occurred. The risk management and control measures that will be in operation on site.

1.1.3 Odour as shown in the H1 assessment attached is nominal.

1.1.4 Noise and Vibration as shown in the H1 assessment is also nominal.

1.1.5 Fugitive Emissions as shown in the H1 assessment are nominal.

1.1.6 Accident Risks as shown in H1 assessment are very unlikely if good overall site management is maintained.

1.1.7 The site is not in a flood risk area therefore no flood risk assessment has been undertaken.

1.1.8 There are no designated European habitat sites or other sites of special scientific interest within 2km of the facility. It is therefore considered the site is not sensitive to any flora or fauna.

## **2. Data inputs**

2.1.1 Normal Operational duties have been used at all times to provide the H1 risk assessment.

## **3. Results of H1 Assessment**

3.1.1 See attached spreadsheet.

#### **4. Conclusion**

**4.1.1 Overall the results of the risk assessment show that the proposed management and control measure, which will be used at Allwayste Recycling Ltd, will be adequate protection. The site is low risk and will not cause a significant impact to the nearby environment or local residents.**

**4.1.2 The site will comply with the relevant objectives of the waste Framework Directive, that is:**

- (i) the site can be operated without endangering human health and**
- (ii) without using processes or methods which could harm the environment and in particular:**
- (iii) without risk to water, air, soil, plants and animals;**
- (iv) without causing nuisance through noise or odours and**
- (v) without adversely affecting the countryside or sites of special interest.**

**ALLWAYSTE RECYCLING LTD SITE RISK ASSESSMENT FEBRUARY 2011**

	HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY	CONSEQUENCE	OVERALL RISK
<b>ODOURS</b>	smell from collected waste	neighbouring companies/neighbouring houses	air	Make sure all waste sorted and removed from site in reasonable time scale. Doc ref AL/01 3.1.1	likely	odour annoyance	not significant
<b>NOISE AND VIBRATION</b>	engine noise from vehicles	neighbouring companies	site close enough for audible noise	engines to be switched off when vehicles not in use doc.ref AL/01 3.2.1	7.00 am to 5.00pm mon/fri Sat 7.00am to 1.00pm	minimal	not significant
	removal of items from skips	neighbouring companies	site close enough for audible noise	items of weight to be handled with care doc ref AL/01 3.2.1	7.00 am to 5.00pm mon/fri Sat 7.00am to 1.00pm	minimal	not significant
<b>FUGITIVE EMISSIONS</b>	mud/litter	neighbouring companies/ roads	wind/ overfilling of skips	daily litter picking/ skips not to exceed maximum fill level- nets to be attached if necessary doc ref AL/01 1.5.4	7.00 am to 5.00pm mon/fri Sat 7.00am to 1.00pm	litter annoyance	not significant as long as goodhousekeeping is applied
	Dust	neighbouring companies/neighbouring houses	air/ vehicles	Management to assess situation if strong winds are present doc ref AL/01 1.5.4	likely	dust annoyance	if significant management to stop processing till change in wind direction or speed.
	Vermin	neighbouring companies/ employees	rubbish brought in/ rubbish not removed quickly	No food wastes to be left in open areas / sites checked regularly for vermin.	likely	disease	not significant as long as goodhousekeeping is applied

**ALLWAYSTE RECYCLING LTD SITE RISK ASSESSMENT FEBRUARY 2011**

	HAZARD	RECEPTOR	PATHWAY	RISK MANAGEMENT	PROBABILITY	CONSEQUENCE	OVERALL RISK
<b>ACCIDENT RISK</b>	spillages	Groundwater beneath	Cracks in impermeable surface	Repair infrastructure and maintain with regular inspections doc ref AL/01 1.7	unlikely	contamination of local ground water	not significant if procedures followed / if significant to work to stop on site till management advises otherwise
	Dangerous substances delivered to site	employees	brought unknown to driver	substance to be identified and isolated in exclusion zone doc ref AL/01 1.6.2	likely	appropriate actions to remove from site, may include Fire Service and Environment Agency	not significant if procedures followed / if significant to work to stop on site till management advises otherwise
	Fire on site	employees	rubbish brought in rubbish already on site	Fire procedures to be followed by all see doc ref AL/01EMS 1.6.1	unlikely	smoke nuisance or fire spreading to other premises	not significant if procedures followed / if significant to work to stop on site till management advises otherwise
	Surface Water	local water course	surface water drainage system	all drains to be kept clear and inspected on regular basis. Concrete hard standing surfaces inspected routinely doc ref AL/01 1.5	unlikely	contamination of water	not significant if procedures followed / if significant to work to stop on site till management advises otherwise