

# BKP Waste & Recycling Ltd

## ENVIRONMENTAL RISK ASSESSMENT

<b>Description of Task / Work Activity</b>	Road Sweeper / Aggregate Plant	<b>Assessment Number:</b>	V1
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Assessed by	D Gallagher	Reviewed and agreed by		Date:	11/03/2021
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Persons exposed to risk:	Staff and Visitors
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What do you do that can harm and what could be harmed			Managing The risk		Assessing the risk	
Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the overall risk
Odour release from opening containers	Local Businesses/ Amenities/Housing	Air	Deliveries are in bulk. Minimal contact from sampling. Waste Preclusion of odorous materials on pre-acceptance.	Unlikely	Odour annoyance for very short duration	Not significant
Odour release from spillage	Local Businesses/ Amenities/Housing	Air	Odorous materials are precluded on pre-acceptance. Spillkits. Spill procedure	Unlikely	Odour annoyance for very short duration	Not significant
Odour release from waste materials produced.	Local Businesses/ Amenities/Housing	Air	Waste is non-hazardous and cleaned once separated. Liquids are stored in bulk. Permit does not allow the acceptance of odorous materials.	possible	Odour annoyance for very short duration	Not significant
There are no significant sources of noise	Local Businesses/ Amenities/Housing	Air	The Noise levels are below 80db within the storage areas. There is no noise greater then 80db at the site boundary. All equipment associated with the storage process (FLT's etc) undergo a daily inspection which is recorded. Routine maintenance is performed on all related machinery, lifting equipment etc	Unlikely	Hearing affected	Very Low
There are no significant sources of vibration	Local Businesses/ Amenities/Housing	Air	Equipment is situated away from site boundary. No vibrations would be expected from trommels or vibrating screens under normal operating conditions	Unlikely	Hearing affected	Very Low
Release of VOC's from opening containers	Local Businesses/ Amenities/Housing	Air	Nil VOC's, no flammable or volatile organic contamination will be processed under this activity.	Unlikely	Detection of VOC odour for short period	Very Low
Release to water through spillage/rupture from containers/failure of machinery	Groundwater	Soil and groundwater	Bunding and concrete is impermeable. Natural contour of site and containment would contain any residues water locally. Site is bunded and bulk storage is available for storage of liquids. Spill kit within 5 meters. Spillage procedures. Daily inspections are carried out of bunds, hard standing, perimeter fencing etc.	Unlikely	Contamination of groundwater	Not significant
Release to water through spillage/rupture from containers/failure of machinery	Sewage works	Sewer	Bunding and concrete is impermeable surface. Natural contour of site and containment would contain any residues water locally. Site is bunded and bulk storage is available for storage of liquids. Spill kit within 5 meters. Spillage procedures. Daily inspections are carried out of bunds, hard standing, perimeter fencing etc.	Unlikely	Breakdown of sewage works. Contamination of outfall from sewage works.	Not significant
There are no waste streams that are a source of food that will attract vermin or birds.	Local Businesses/ Amenities/Housing	Soil and groundwater	Site is serviced by pest control contractor			None
There are no waste streams that will result in the release of litter or mud	Local Businesses/ Amenities/Housing	Soil and groundwater	Housekeeping included on daily checks. Site is swept by road sweepers regularly to control mud			None


<i>11/03/2021</i>	<i>Created</i>