

BKP Waste & Recycling Ltd

ENVIRONMENTAL RISK ASSESSMENT

Description of Task / Work Activity	Waste Storage	Assessment Number:	V1
--	---------------	---------------------------	----

Assessed by	D Gallagher	Reviewed and agreed by		Date:	11/03/2021
-------------	-------------	------------------------	--	-------	------------

Persons exposed to risk:	Staff and Visitors
--------------------------	--------------------

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	Containers opened carefully. Containers re-sealed immediately on detection of odour. 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	N/A for waste transfer containers.	possible	Odour annoyance for very short duration	Not significant
There are no significant sources of noise	Local Businesses/ Amenities/Housing	Air	No equipment used for this operation that generated any significant noise.	Nil	Hearing affected	Very Low
There are no significant sources of vibration	Local Businesses/ Amenities/Housing	Air	No vibrations for equipment used in this operation	Nil		None
Release of VOC's from opening containers	Local Businesses/ Amenities/Housing	Air	Minimal VOCs as containers are only opened briefly for sampling. Analysis completed in the lab and any potential volatile compounds will be analysed in a fume hood (such as Flash point testing)		<i>Detection of VOC odour for short period</i>	Very Low
Release to water through spillage/rupture from containers/failure of machinery	Groundwater	Soil and groundwater	Bunding and concrete hard standing. drum washer located within warehouse. 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 hard standing. drum washer located within warehouse. 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			None

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