

# BKP Waste & Recycling Ltd

## ENVIRONMENTAL RISK ASSESSMENT

<b>Description of Task / Work Activity</b>	Tanker Washing	<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 tanker barrels	Local Businesses/ Amenities/Housing	Air	Doors opened carefully and only upon conformation of the barrel being completely emptied to <1% residues. 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. Vessels contain <1% residues. Spillkits. Spill prodecure	Unlikely	Odour annoyance for very short duration	Not significant
Odour release from waste materials produced.	Local Businesses/ Amenities/Housing	Air	Odour is monitored and recorded on daily audit. Preclusion of odorous materials on pre-acceptance.	possible	Odour annoyance for very short duration	Not significant
There are no significant sources of noise	Local Businesses/ Amenities/Housing	Air	No noise generated, process will be via on-site water supplies which do not involve excess noise production. Levels will be much lower than 80db at the site boundaries	Unlikely	Hearing affected	Very Low
There are no significant sources of vibration	Local Businesses/ Amenities/Housing	Air				None
Release of VOC's from opening containers	Local Businesses/ Amenities/Housing	Air	No Flammable residues will be washed out		None	Very Low
Release to water through spillage/rupture from containers/failure of machinery	Groundwater	Soil and groundwater	Bunding and concrete hard standing. Washing limited to P1 or P2 offloading pit. 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. Washing limited to P1 or P2 offloading pit. 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

Fire in Area	Sewage Works/surrounding businesses/pedestrains	Sewer/Air	Rigorous fire precautions and procedures. Fire detection and 24 hour monitoring contractor. Bunding, concrete surface, Fire detection, extinguishers, and external monitoring contractor. Isolation valves to prevent access to sewer.	Unlikely	Loss of business, annoyance of local business. Risk to local businesses, local environment. Harm to humans, health effects to humans	Low
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<i>11/03/2021</i>	<i>Created</i>					