

**Ringway Infrastructure Services Ltd**  
**H1 Risk Assessment – Godstone Depot**



Table One – Odour

<b>Hazard</b>	<b>Receptor</b>	<b>Pathway</b>	<b>Risk Management</b>	<b>Probability of Exposure</b>	<b>Consequences</b>	<b>What is the Overall Risk</b>
Odour	Residential areas and local businesses. Site users.	Air	Material is stored away from staff.	Low	Compliant	Low

Table Two – Noise and Vibration

<b>Hazard</b>	<b>Receptor</b>	<b>Pathway</b>	<b>Risk Management</b>	<b>Probability of Exposure</b>	<b>Consequences</b>	<b>What is the Overall Risk</b>
Engine noise from loading shovel	Residential areas and local businesses. Site users.	Site is close enough for noise to be audible	Vehicles to operate during normal working hours i.e. when all other highway depot activities are undertaken	Low	No consequences	Low
Reversing noise from loading machines	Residential areas and local businesses. Site users.	Site is close enough for noise to be audible	Vehicles to operate during normal working hours i.e. when all other highway depot activities are undertaken	Low	No consequences	Low
Crushing aggregates	Residential areas and local businesses. Site users.	Site is close enough for noise to be audible	Restrict crushing periods to reduce noise impact. Operate in accordance with subcontractors RAMS.	Low	No consequences	Low
Screening	Residential areas and local	Site is close enough for	Restrict screening periods to reduce noise impact.	Low	No consequences	Low

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	businesses. Site users.	noise to be audible	Operate in accordance with subcontractors RAMS.			
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Table Three - Assessment of fugitive emission risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequences	What is the Overall Risk
<b>TO AIR</b>						
Dust from depot surface	Residential areas and local businesses. Site users.	Wind blown dust	Visual dust monitoring in accordance with local operating procedure and regular mechanical sweeping of depot.	Dust could potentially reach the dwelling when a strong wind blows in that direction which it could for perhaps 5 days a year. The management actions should prevent this happening.	Nuisance - dust on cars, clothing etc.	Low
Storage of fine dusty wastes or aggregate products	Residential areas and local businesses. Site users.	Wind blown dust	Visual dust monitoring in accordance with local operating procedure and regular mechanical sweeping of depot. Cover dusty wastes. Damping down when required.	Dust could potentially reach the dwelling when a strong wind blows in that direction which it could for	Nuisance - dust on cars, clothing etc.	Low

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				perhaps 5 days a year. The management actions should prevent this happening.		
<b>TO WATER</b>						
Discharge to Ground Water	The site is within a groundwater protection zone.	Surface waters	Positive drainage systems are connected to full retention interceptors taking all water away from surface water drains. Surface water interceptors also intercepted. The site benefits from impermeable surfaces and a sealed drainage system.	Unchecked run-off could reach surface water drains, but management actions should prevent this. Also surface water drains have full retention interceptors.	Pollution of local surface or groundwater.	Medium
Discharge to Surface Water	The site is within a groundwater protection zone.	Surface waters	Positive drainage systems are connected to full retention interceptors taking all water away from surface water drains. Surface water interceptors also intercepted. The site benefits from impermeable surfaces	Unchecked run-off could reach surface water drains but management actions should prevent this. Also surface water drains have full retention interceptors.	Pollution of local surface or groundwater.	Medium

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			and a sealed drainage system.			
<b>PESTS</b>						
Rats populate the area	Residential areas and local businesses. Site users.	Land	Clear the bays regularly and ensure regular inspections and ensure housekeeping is to high standard.	Unchecked and monitored depot could lead to pest infestations	Potential for the spreading of disease and adverse health impacts on local area users.	Low
<b>MUD/LITER</b>						
Litter from waste stored in bays	Residential areas and local businesses. Site users.	Wind blown	Clear the bays regularly and ensure regular inspections and ensure housekeeping is to high standard.	Without appropriate barriers installed airborne materials could reach sensitive receptors.	Likelihood of complaints where appropriate techniques are not adopted and maintained.	Low

Table Four - Assessment of visible plume risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequences	What is the Overall Risk
<b>TO AIR</b>						
There are no visible impacts beyond the site boundary, or	Screened out - no further assessment required.					None

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there are no sensitive receptors due to the remoteness of the location.						
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Table Five - Assessment of accident risks

<b>Hazard</b>	<b>Receptor</b>	<b>Pathway</b>	<b>Risk Management</b>	<b>Probability of Exposure</b>	<b>Consequences</b>	<b>What is the Overall Risk</b>
Waste overflows containment system and accesses surface water drains.	The site is within a groundwater protection zone.	Surface waters	Bay construction will be constructed with structural material adequate to meet impact and loading standards.	Unlikely if appropriate measures are used.	Contamination of local water courses / groundwater.	Low
Plant or equipment failure	The site is within a groundwater protection zone.	Surface waters	All plant is serviced and maintained as part of a cyclical maintenance plan. Operate in accordance with subcontractors RAMS.	Unlikely if appropriate measures are used.	Contamination of local water courses / groundwater.	Low
Structural failure of holding bays	The site is within a groundwater protection zone.	Surface waters	Bays will be constructed with structural material adequate to meet the impact and loading standards.	Unlikely if appropriate measures are used.	Contamination of local groundwater.	Low

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Fires on site causing pollution	The site is within a groundwater protection zone.	Surface Water	Fire extinguishers and drainage covers on site. Operate in accordance with subcontractors RAMS.	Unlikely if appropriate measures are used.	Contamination of local groundwater.	Low
Vandalism causing pollution	The site is within a groundwater protection zone.	Surface waters	Positive drainage systems are connected to full retention interceptors taking all water away from surface water drains. All chemicals are locked away and depot has CCTV, security gate.	Unlikely if appropriate measures are used.	Contamination of local groundwater.	Low