

Revision:	01	Approved by:	Tom Rutledge
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Table One – Odour

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequences	What is the Overall Risk
Odour	Local businesses and offices, residents and site staff	Air	Material is stored away from staff. Material received on site will always be inert and remain at an ambient temperature; therefore, it will not generate odour	Low – material does not give off odour	Complaints	Low

Table Two – Noise and Vibration

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequences	What is the Overall Risk
Engine noise from loading shovel	Local businesses and offices, residents and site staff	Air	Vehicles to operate during normal working hours i.e. when all other site activities are undertaken	Low – Site is not close enough to be audible to any residential receptors	Complaints. Noise nuisance.	Low
Reversing noise from loading machines	Local businesses and offices, residents and site staff	Air	Vehicles and plant to operate during normal working hours i.e. when all other site activities are undertaken	Low – Site is not close enough to be audible to any residential receptors	Complaints. Noise nuisance.	Low

Crushing and Screening	Local businesses and offices, residents and site staff	Air	Crushing and screening activities will not generate levels of noise above that originating from the surrounding roads. Crushing will only occur approximately once per month during normal working hours. A screening perimeter bund where trees and shrubs will be planted will surround the site.	Low –Noise screened by perimeter bund.	Complaints. Noise nuisance.	Low
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Table Three - Assessment of fugitive emission risks

Hazard	Receptor (s)	Pathway	Risk Management	Probability of Exposure	Consequences	What is the Overall Risk
TO AIR						
Dust from depot surface	Local businesses and offices, residents and site staff, A34 and A272	Wind-blown dust	Normal operating procedures in place will prevent dust escaping from the depot surface. Damping down where required. Screening trees planted.	Low - due to abatement controls (damping down waste)	Nuisance - dust on cars, clothing etc	Low
Dust from movement of loads	Local businesses and offices, residents and site staff, A34 and A272	Wind-blown dust	All HGVs to be sheeted when entering or leaving site. Site speed limits set to 10mph. Minimising	Low – due to abatement controls (sheeting, speed limit)	Nuisance – dust on cars, clothing etc	Low

			drop heights from all plant and machinery. Screening trees planted.			
Storage of fine dusty wastes	Local businesses and offices, residents and site staff	Wind-blown dust	Waste is not typically dusty unless it is stored during prolonged dry periods. Suspension of operations at times of high winds and dry weather. Damping down where required. Screening trees planted.	Low - due to abatement controls (damping down waste)	Nuisance - dust on cars, clothing etc	Low
Crushing and Screening	Local businesses and offices, residents and site staff	Wind-blown dust	As per environmental management system but will include damping down in accordance with plant procedures. Use of spray bars on crushing and screening plant. Regular maintenance of machinery in accordance with manufacturers guidance. Operations centrally located on site. Screening trees planted.	Low - due to abatement controls (damping down waste)	Nuisance - dust on cars, clothing etc	Low
TO WATER						
Discharge to Ground Water	Site is not located within a Ground Water Protection Zone (GPZ)	Ground water	Positive drainage system is connected to full retention interceptors that capture water in high	Low – only inert waste being processed. Use of interceptors and	Pollution of local groundwater	Low

			<p>risk areas. A swale and a soakaway in the species-rich grassland buffer that will drain away excess water.</p> <p>Surface water discharges to swale and soakaway in the species-rich grassland buffer that will drain away excess water in accordance with drainage risk assessment.</p> <p>Maintenance and inspection in accordance with SUDs manual.</p>	positive drainage system.		
Discharge to Surface Water	Surface water	Surface water run off	<p>Positive drainage system is connected to full retention interceptors that capture water in high risk areas.</p> <p>Infiltration trench and filter drains to intercept existing natural flow routes to discharge to ground.</p> <p>Maintenance and inspection in accordance with SUDs manual.</p>	Low – only inert waste being processed. Use of interceptors, infiltration trenches and positive drainage system.	Pollution of local surface water	Low
PESTS						

Vermin may populate the area	Local business, residents and staff	Land	Clear the working area regularly and conduct regular inspections and ensure housekeeping is to a high standard.	Low - due to abatement controls	Potential for the spreading of disease and adverse health impacts on staff	Low
MUD/LITTER						
Litter from waste stored in bays	Local business, residents and staff	Wind-blown	Clear the working area regularly and conduct regular inspections and ensure housekeeping is to a high standard	Low - due to abatement controls	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
TO AIR						
Crushing and Screening	Local businesses and offices, residents and site staff	Wind-blown dust	As per environmental management system but will include damping down in accordance with plant procedures	Low – management actions will prevent dust escaping site boundary	Nuisance - dust on cars, clothing etc	Low

Table Five - Assessment of accident risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequences	What is the Overall Risk
Waste overflows containment system and accesses surface water drains	Site is not within a groundwater protection zone	Surface waters	Storage area will have positive drainage system and the site is bunded	Low – due to containment systems	Contamination of local water course	Low
Plant or equipment failure	Local businesses and offices, residents and site staff	Air	All plant is serviced and maintained as part of a cyclical maintenance plan	Low – with regular maintenance	Ground and water contamination	Low
Fires on site causing pollution	Site is not within a groundwater protection zone	Surface waters	Fire extinguishers and drainage covers on site and the site has a positive drainage system	Low - if appropriate measures are used	Contamination of local groundwater	Low
Vandalism causing pollution	Site is not within a groundwater protection zone	Surface waters	Access to the waste area will be restricted to trained depot staff	Low - if appropriate measures are used	Contamination of local groundwater	Low