

# ENVIRONMENTAL RISK ASSESSMENT

Simonswood Industrial Estate, Stopgate Lane, Simonswood, Knowsley, Merseyside, L33 4YB

**Simonswood Properties Limited**

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# **1 Introduction**

- 1.1 This Environmental Risk Assessment (ERA) considers the potential and actual risks associated with the use of the site at onswood Industrial Estate, Stopgate Lane, Simonswood, Knowsley, Merseyside, L33 4YB.
- 1.2 The site will be operated by Simonswood Properties Limited in accordance with a fully comprehensive Bespoke Environmental Permit (EP). The site will be operated as an inert recycling facility with a wash plant.
- 1.3 All site staff should be provided with a copy of this ERA and be aware of where it is located on site.
- 1.4 All environmental risks identified in this document should be acted upon accordingly by site management to ensure all environmental risks can be appropriately managed/controlled.
- 1.5 This document primarily considers environmental risks associated with the site. This does not aim to provide detailed Health and Safety risk assessments as required separately through the necessary legislation.

## **2 Environmental Risk Assessment Model**

### **2.1 Fundamental considerations**

2.1.1 **Source/Hazard:** A property or situation that in particular circumstances could lead to harm.

2.1.2 **Consequences:** The adverse effects or harm as the result of realising a hazard which causes the quality of human health or the environment to be impaired in the short or long term.

2.1.3 **Risk:** A combination of the probability of occurrence of a defined hazard and the magnitude of the consequences of the occurrence.

### **2.2 Pathway**

2.2.1 Important in the assessment of a particular risk(s) and to inform the subsequent management of the risk(s) is the identification of the pathway(s) through which the risk may affect the identified receptor(s). The following are examples of pathways:

- Air
- Ground
- Water
- Direct contact / exposure

## 2.3 Consequences

2.3.1 The following table highlights the consequences of the hazard(s) identified and the abbreviations for each as used in the Risk Assessment Table in Section 3:

Abbreviation	Consequences
A	Minor Injury
B	Major Injury
C	Death
D	Air Pollution
E	Water Pollution
F	Pollution of Land

## 2.4 Effects of consequences

2.4.1 In order to quantify the level of risk and identify the appropriate management procedures, the potential effects must be considered, as outlined in the table below:

Abbreviation	Consequences	Management Requirements
S	SEVERE	In all cases
Mo	MODERATE	In most cases
Mi	MILD	Occasionally
N	NEGLIGIBLE	No

2.4.2 Note: "Management" is the action required to reduce the risk of a hazard causing a problem on site. Contingency measures are procedures which are in place to reduce the consequences of a hazard.

## 2.5 Risk estimation and evaluation (probability/frequency of occurring hazard)

2.5.1 The following table allows the likelihood of an occurrence of an identified risk to be assessed:

Abbreviation	Probability	Evaluation
1	Very likely	Could occur during any working day
2	Likely	Could occur regularly
3	Possible	Event possible
4	Unlikely	Event very unlikely

## 2.6 Risk assessment outcome (combination of probability & consequence)

2.6.1 The following table shows the resultant risk of an identified hazard or potential situation. This uses the hierarchy of both probability and consequence to assess the level of risk. The level of risk determines what level of management would be required in order to reduce the risk of occurrence and/or scale.

		Consequence			
		S	Mo	Mi	N
Probability	1	High	High	Medium	Low
	2	High	Medium	Low	Near-Zero
	3	Medium	Low	Near-Zero	N/A
	4	Low	Near-Zero	N/A	N/A

2.6.2 Where the risk assessment outcome is high, first-level management of the risk is essential, i.e. removal of hazard, implementation of major infrastructure/structural design measures to contain the risk/hazard and company policy changes to incorporate the management of the risk. All risk management measures must be supplemented with detailed induction training, spot training and tool-box talks to ensure all site staff and users are made fully aware of the risk/hazard, all potential consequences and necessary management and contingency procedures.

- 2.6.3 Where the risk assessment outcome is medium, the management of the risk should be tackled by management or delegates. If removal of the hazard is not possible, management will normally be met through implementing minor structural design measures or by imposing procedures for the prevention of occurrences which will be conveyed to all site staff through the appropriate training, including any contingency measures/procedures.
- 2.6.4 Where the risk assessment outcome is low, the management of the risk can be done wholly through appropriate training to site staff including any contingency measures/procedures.
- 2.6.5 Where the risk assessment outcome is near-zero, site staff should be made aware of the possibility of an occurrence and contingency measures should be readily available to all staff should they be required.

### **3 Risk assessment table**

- 3.1 The following pages contain the site-specific risk assessment for the site with appropriate remedial actions, recommendations and comments included for each identified hazard, potential contaminant or situation.
- 3.2 As discussed in Section 3.6 above, all situations which identify a risk from Low –High should be incorporated into the staff/visitor training schedule, where appropriate and acted on as required.

**SEE TABLES BELOW**

# Appendix I

## Risk Assessment Table

Hazard / Potential Contaminant or Situation	Source(s)	Pathway	Receptor(s)	Consequences	Effect	Probability	Assessment Outcome	Remedial Action/ Recommendations/ Comments
DUST / PARTICULATES	<p>SITE SURFACES (DRY AND WINDY WEATHER)</p> <p>RECEPTION OF WASTE</p> <p>LOADING OF WASTE INTO MECHANICAL TREATMENT PLANT</p> <p>EXTERNAL STOCKPILES</p>	AIR	<p>SITE PERSONNEL / VISITORS</p> <p>SURROUNDING SITE USERS / OCCUPIERS</p> <p>SURFACE WATERS</p> <p>FLORA &amp; FAUNA (ECOLOGY)</p> <p>RESIDENTIAL RECEPTORS</p> <p>CROPS AND AGRICULTURAL LAND</p>	A, B, D, E	Mo	2	Low - Med	<p>THE SITE WILL BE OPERATED IN ACCORDANCE WITH A DUST MANAGEMENT PLAN (DOC REF: 2358-003-H)</p> <p>THE WASTE STOCKPILES AND RECOVERED PROCESSED PRODUCTS ARE RELATIVELY COARSE AND ARE GENERALLY RECOVERED AND PROCESSED IN A DAMP CONDITION WHICH REDUCES POTENTIAL FOR EROSION BY WIND WHIP AND THE CREATION OF NUISANCE DUST.</p> <p>THE WASH PLANT INVOLVES THE CONTINUOUS USE OF WATER WHICH ENSURES WASTE IS WETTED THROUGHOUT THE PROCESS WHICH SIGNIFICANTLY REDUCES THE POTENTIAL FOR DUST.</p> <p>SITE SURFACE (WHERE WASH PLANT ACTIVITIES ARE CARRIED OUT) WILL COMPRISE IMPERMEABLE CONCRETE</p> <p>POTENTIALLY DUSTY LOADS SHEETED ON ARRIVAL AND EGRESS FROM THE SITE.</p> <p>DROP HEIGHTS WILL BE KEPT TO A MINIMUM.</p> <p>CONTINUOUS MONITORING REGIME IN PLACE TO IDENTIFY ANY POTENTIAL FOR DUST LEAVING SITE BOUNDARY.</p> <p>COMPLAINTS PROCEDURE IN EMS IN PLACE.</p> <p>CLEANING OF ANY SPILLAGES USING WET CLEANING METHODS.</p> <p>SITE HAUL ROUTES WILL BE SWEEPED CLEAN REGULARLY USING A WHEELED LOADING SHOVEL/MECHANICAL ROAD SWEEPER. HAUL ROUTES WILL BE DAMPENED DOWN USING A BOWSER.</p> <p>APPROPRIATE SITE SPEED LIMITS WILL BE ENFORCED.</p> <p>DURING TIMES OF EXTREME WIND, THE PLANT WILL CEASE TO OPERATE.</p>

Hazard / Potential Contaminant or Situation	Source(s)	Pathway	Receptor(s)	Consequences	Effect	Probability	Assessment Outcome	Remedial Action/ Recommendations/ Comments
ODOUR	STORED WASTE  CRACKS IN CONCRETE LEADING TO TRAPPED WASTE  WARM WEATHER	AIR	SITE PERSONNEL / VISITORS  SURROUNDING SITE USERS / OCCUPIERS  RESIDENTIAL RECEPTORS	A, D	Mi to Mo	3	Low – Near Zero	THE AUTHORISED WASTES HANDLED AT THE SITE AS PART OF THIS ADDITIONAL PHYSICAL TREATMENT ACTIVITY WILL COMPRISE INERT MATERIALS WHICH ARE NOT CONSIDERED ODOROUS.  STRICT WASTE ACCEPTANCE PROCEDURES TO IDENTIFY POTENTIALLY ODOROUS WASTES AND THEIR CONTAINMENT.  REJECTED WASTES TO BE QUARANTINED PRIOR TO REMOVAL OFF SITE.  DAILY OLFACTORY MONITORING AND COMPLAINTS PROCEDURE IN PLACE.  ANY ODOROUS WASTE FOUND ON SITE WILL BE REMOVED WITHIN 48 HOURS.
LITTER	UNSHEETED / POORLY SHEETED SKIPS ON DELIVERY VEHICLES  MECHANICALLY SORTED WASTE BAYS  LIGHT WASTE  POOR HOUSEKEEPING	AIR	SITE PERSONNEL / VISITORS  SURROUNDING SITE USERS / OCCUPIERS  SURFACE WATERS  FLORA & FAUNA (ECOLOGY)  RESIDENTIAL RECEPTORS	A to C E,F	Mi to Mo	3	Low – Near Zero	ALL DRIVERS WILL ENSURE THEIR SKIPS / CONTAINERS ARE SECURELY SHEETED / CONTAINED PRIOR TO CARRIAGE OF WASTE LOADS.  DAILY INSPECTIONS OF THE SITE AND AREAS IN THE IMMEDIATE VICINITY OF THE SITE BOUNDARY FOR LITTER.  DURING TIMES OF EXTREME WINDS, THE MECHANICAL TREATMENT PLANT WILL REDUCE OPERATIONS OR STOP OPERATIONS IF WEATHER DEEMED TO PROBLEMATIC AND COMPLAINTS ARE RECEIVED.  THE AUTHORISED WASTES HANDLED AT THE SITE AS PART OF THIS ADDITIONAL PHYSICAL TREATMENT ACTIVITY WILL COMPRISE INERT MATERIALS WHICH ARE HEAVY AND UNLIKELY TO GENERATE LITER.
NOISE/VIBRATION	PLANT AND MACHINERY  TIPPING / LOADING WASTE INTO VEHICLES  EXTERNAL TREATMENT PLANT	AIR	SITE PERSONNEL / VISITORS  SURROUNDING SITE USERS / OCCUPIERS  RESIDENTIAL RECEPTORS	A, D	Mi to Mo	3	Low	THE SITE IS LOCATED WITHIN AN INDUSTRIAL/RURAL AREA AND CURRENTLY OPERATES A CRUSHER AND SCREENER WHICH HAVENT REQUIRED NOISE ASSESSMENTS BY THE EA. THE WASH PLANT WILL TYPICALLY BE QUIETER THAN THE EXISTING PLANT; NOISE IS THEREFORE LIKELY TO BE OF A SIMILAR CHARACTER AND LEVEL OF EXISTING SURROUNDING LAND USES.  NOISEY ACTIVITIES CONTROLLED BY REASONABLE HOURS OF OPERATION.

Hazard / Potential Contaminant or Situation	Source(s)	Pathway	Receptor(s)	Consequences	Effect	Probability	Assessment Outcome	Remedial Action/ Recommendations/ Comments
								<p>DROP HEIGHTS WILL BE KEPT TO A MINIMISE NOISE / VIBRATION.</p> <p>MANAGEMENT WILL ENSURE THAT ALL LOADING PLANT OPERATED IS FUNCTIONING SUITABLY I.E. MOVING PARTS TO BE REGULARLY LUBRICATED.</p> <p>OPERATIVES WILL BE INFORMED TO TURN OFF ENGINES WHEN THE PLANT IS NOT IN USE AND NO REVVING OF ENGINES WILL BE PERMITTED AT THE SITE.</p> <p>PROVISION OF APPROPRIATE INSTRUCTION AND TRAINING FOR SITE PERSONNEL ON THE OPERATION OF PLANT AND EQUIPMENT.</p> <p>ANY MALFUNCTIONS IN PLANT I.E. MISSING SCREWS/BOLTS WHICH RESULT IN EXCESSIVE NOISE WILL BE DECOMMISSIONED UNTIL AN ALTERNATIVE LOADING PLANT SOURCED.</p> <p>A TRAINED AND RESPONSIBLE MANAGER WILL BE ON SITE DURING WORKING PERIODS TO MAINTAIN A LOGBOOK AND CARRY OUT SITE INSPECTIONS.</p> <p>COMPLAINTS PROCEDURE IN PLACE.</p> <p>IF REPAIRS TO THE SITE ARE REQUIRED, THE WORK IS TO BE UNDERTAKEN WITH DUE REGARD FOR THE POSSIBLE NOISE NUISANCE AND DURING THE NORMAL WORKING DAY.</p> <p>IN THE EVENT OF MAJOR REPAIR WORK BEING UNDERTAKEN WHICH IS LIKELY TO CAUSE SIGNIFICANT NOISE AND DISRUPTION, NEIGHBOURING RESIDENTS WILL BE NOTIFIED IN ADVANCE.</p> <p>HISTORIC NIA'S ASSOCIATED WITH THE PREVIOUS APPLICATIONS INDICATE THAT THE RATING LEVEL ASSOCIATED WITH THE WASH PLANT IS BELOW THAT OF THE MEASURED BACKGROUND LEVEL AND THEREFORE A LOW IMPACT IS ASSUMED.</p> <p>IN ADDITION, RELEVANT PLANNING CONDITIONS ARE IN PLACE AT THE ADJACENT FACILITY (FOR A WASH PLANT</p>

Hazard / Potential Contaminant or Situation	Source(s)	Pathway	Receptor(s)	Consequences	Effect	Probability	Assessment Outcome	Remedial Action/ Recommendations/ Comments
								<p>ACTIVITY WHICH IS ALSO LOCATED CLOSER TO NEARBY RECEPTORS; CONSEQUENTLY, NOISE FROM THE WASH PLANT WOULD BE LOWER THAN HAS BEEN CALCULATED UNDER THE PREVIOUSLY APPROVED WASH PLANT OUTSIDE DWELLINGS TO THE NORTH (DUE TO ADDITIONAL DISTANCE AND ATTENUATION) AND THUS WOULD NOT GIVE RISE TO UNACCEPTABLE NOISE IMPACT AT DWELLINGS TO THE NORTH).</p> <p>BASED ON THE ABOVE, IT IS CONSIDERED THAT THE RISK ASSOCIATED WITH NOISE EMISSIONS IS LOW.</p>
VERMIN (LEPTOSPIROSIS etc.)	STORED PUTRESCIBLE WASTES	WATER, DIRECT CONTACT WITH WASTE	SITE PERSONNEL / VISITORS SURROUNDING SITE USERS / OCCUPIERS RESIDENTIAL RECEPTORS	A to C	Mi to Mo	3	Low – Near Zero	<p>THE AUTHORISED WASTES HANDLED AT THE SITE COMPRISE ESSENTIALLY INERT MATERIALS WHICH ARE NOT CONSIDERED TO ATTRACT VERMIN.</p> <p>WEAR PPE - GLOVES AND MASKS AS APPROPRIATE.</p> <p>SITE INSPECTIONS DAILY.</p> <p>ANY WASTES CONSIDERED UNSUITABLE AFTER DEPOSIT WILL BE ASSIGNED TO THE QUARANTINE SKIP.</p> <p>PEST CONTROLLER CALLED IN THE EVENT OF PESTS BEING PRESENT AT THE SITE OR COMPLAINTS RECEIVED FROM RECEPTORS.</p>
FIRE/ SMOKE / PARTICULATES	PLANT EXHAUSTS STORAGE OF WASTES	AIR, DIRECT CONTACT	SITE PERSONNEL / VISITORS SURROUNDING SITE USERS / OCCUPIERS SURFACE WATERS FLORA & FAUNA (ECOLOGY) RESIDENTIAL RECEPTORS	A to F	Mi to S	4	Low – Near Zero	<p>THE SITE WILL HANDLE INERT WASTE ONLY WHICH IS NOT CONSIDERED COMBUSTIBLE.</p> <p>NO FIRES ALLOWED ON SITE.</p> <p>NO SMOKING PERMITTED ON SITE.</p> <p>GOOD SITE SECURITY.</p>

Hazard / Potential Contaminant or Situation	Source(s)	Pathway	Receptor(s)	Consequences	Effect	Probability	Assessment Outcome	Remedial Action/ Recommendations/ Comments
VEHICLE COLLISION/ ACCIDENT	MUD ON ROADS FROM WASTE STORAGE & VEHICLE BODIES  POOR VISIBILITY	DIRECT CONTACT	VEHICLE USERS  PEDESTRIANS	A to F	Mi to S	3	Low	GOOD HOUSEKEEPING/ VEHICLE MANAGEMENT.  STOCKPILE MANAGEMENT.  AN ACCIDENT LOGBOOK SHOULD BE KEPT FOR ALL INCIDENTS.  ENCOURAGEMENT FOR STAFF FOR GREATER NUMBER OF "ACCIDENT-FREE DAYS" TO ENCOURAGE A SAFER WORKING ENVIRONMENT.  HSE COMPLIANT RISK ASSESSMENTS FOR ALL SITE ACTIVITIES TO IDENTIFY SITUATIONS WHICH MAY LEAD TO HARM FOR SITE USERS (EMPLOYEES, VISITORS AND MANAGEMENT).
LEACHATE	STORED WASTES	GROUND	SURFACE WATERS  FLORA & FAUNA (ECOLOGY)	E, F	Mi to S	3	Low	THE SITE WILL ONLY ACCEPT INERT WASTE MATERIALS WHICH HAVE NO LEACHATE POTENTIAL.  THE CURRENT DEVELOPMENT PROPOSALS INCLUDE FOR PROVISION OF ADDITIONAL CONCRETE SURFACE FOR THE WASH PLANT AND ASSOCIATED ACTIVITIES. THIS CONCRETE SURFACING WILL REDUCE INFILTRATION FURTHER WHICH SHOULD BENEFIT LOCAL GROUNDWATER QUALITY BY LOCALLY SEVERING THE INFILTRATION AND SOLUBILISATION.  WASTE DIRECTLY ASSOCIATED WITH THE WASHING ACTIVITY IS RECIRCULATED THROUGH THE WASH PLANT.  ANY WASTES WHICH ARE LIABLE TO GIVE RISE TO CONTAMINATION WILL BE REMOVED FROM SITE OR PLACED INTO THE QUARANTINE SKIP/AREA.  REGULAR (MINIMUM DAILY) CHECKS OF SITE SURFACE INFRASTRUCTURE.  ANY SPILLAGES IDENTIFIED WILL BE DEALT WITH IN ACCORDANCE WITH SPILLAGE PROCEDURES AND SILL KITS ARE AVAILABLE AT THE SITE.

Hazard / Potential Contaminant or Situation	Source(s)	Pathway	Receptor(s)	Consequences	Effect	Probability	Assessment Outcome	Remedial Action/ Recommendations/ Comments
IMPACT/INJURY	COLLAPSE OF STORED MATERIALS/ FALLING MATERIALS	DIRECT CONTACT	SITE PERSONNEL/ VISITORS	A to C	Mi to S	3	Low	<p>STORAGE HEIGHTS WILL BE KEPT TO A MINIMUM.</p> <p>DROP HEIGHTS WILL ALWAYS BE KEPT TO A MINIMUM.</p> <p>APPROPRIATE PPE ISSUED TO ALL SITE STAFF AND AVAILABLE IN THE MAIN SITE OFFICE.</p> <p>STAFF TRAINING AND HANDLING PROCEDURES ARE IN PLACE.</p>
HYDROCARBONS	<p>UNBUNDED FUEL TANKS</p> <p>DRIPS WHEN REFUELLING</p> <p>PLANT FAILURE</p>	<p>GROUND - DIRECT CONTACT, INGESTION</p> <p>INHALATION (OF VOLATILES)</p>	<p>SITE PERSONNEL / VISITORS</p> <p>SURROUNDING SITE USERS / OCCUPIERS</p> <p>SURFACE WATERS FLORA &amp; FAUNA (ECOLOGY)</p> <p>RESIDENTIAL RECEPTORS</p>	A, B, D, E, F	Mi to S	3	Low	<p>ANY FUEL TANKS (AND PIPEWORK) TO BE STORED WITHIN A BUNDED AREA AND LOCKED WHEN NOT IN USE.</p> <p>VEHICLE MAINTENANCE AND REPAIRS WILL BE CARRIED OUT ON AN IMPERMEABLE SURFACE.</p> <p>ENSURE THAT ALL FUEL STORAGE CONTINUE TO BE STORED SECURELY.</p> <p>SPILL KITS KEPT CLOSE TO SOURCE(S) OF HAZARDS.</p> <p>PREVENTATIVE MAINTENANCE SCHEDULE FOR PLANT/MACHINERY.</p> <p>ANY SPILLAGES IDENTIFIED WILL BE DEALT WITH IN ACCORDANCE WITH SPILLAGE PROCEDURES.</p> <p>CONCRETE SURFACED YARD AND DRAINAGE SYSTEM WILL REDUCE THE IMPACTS OF ANY SPILLS.</p> <p>ALL BUNDS ARE CAPABLE OF CONTAINING A MINIMUM OF 110% OF THE VOLUME OF FUEL/LIQUIDS.</p>

Hazard / Potential Contaminant or Situation	Source(s)	Pathway	Receptor(s)	Consequences	Effect	Probability	Assessment Outcome	Remedial Action/ Recommendations/ Comments
RELEASE OF GASES/FUMES/ VAPOURS/ VOLATILES	MIXING OF WASTE/ CHEMICALS  SPILLAGE OF CHEMICALS  OVERTURNED VEHICLE PLANT/PLANT FAILURE	AIR  GROUND  WATER  CONFINED SPACES	SITE PERSONNEL / VISITORS  SURROUNDING SITE USERS / OCCUPIERS  SURFACE WATERS  FLORA & FAUNA (ECOLOGY)  RESIDENTIAL RECEPTORS	A to F	Mi to S	3	Low	ENSURE ANY STORAGE OF HAZARDOUS SUBSTANCES IN PROPERLY DESIGNATED AREAS.  PREVENTATIVE MAINTENANCE SCHEDULE FOR PLANT/MACHINERY  QUARANTINE OF REJECTED (I.E. POTENTIALLY HAZARDOUS) WASTES  THE CONCRETE PAD CONSTRUCTED BENEATH THE WASH PLANT WILL REMOVE ANY PATHWAY BETWEEN THE GROUND AT THE SITE AND ANY POTENTIAL RECEPTORS.

Hazard / Potential Contaminant or Situation	Source(s)	Pathway	Receptor(s)	Consequences	Effect	Probability	Assessment Outcome	Remedial Action/ Recommendations/ Comments
ADDITIONAL WASTE TYPES	<p>STORED WASTES</p> <p>MUD ON ROADS FROM WASTE STORAGE &amp; VEHICLE BODIES</p> <p>SITE SURFACES (DRY AND WINDY WEATHER)</p> <p>RECEPTION OF WASTE</p>	<p>AIR</p> <p>GROUND</p> <p>WATER</p>	<p>SITE PERSONNEL / VISITORS</p> <p>SURROUNDING SITE USERS / OCCUPIERS</p> <p>SURFACE WATERS</p> <p>FLORA &amp; FAUNA (ECOLOGY)</p> <p>RESIDENTIAL RECEPTORS</p>	D to F	Mi to Mo	3	Low	<p>ADDITIONAL WASTE TYPES PROPOSED AS PART OF THE ENW PHYSICAL TREATMENT ACTIVITY ARE CONSIDERED TO POSE NO FURTHER RISK TO AIR/WATER OR LAND AS DETAILED BELOW.</p> <p><b>GENERAL:</b>                      THE SITE IS NOT LOOKING TO ACCEPT/RECEIVE ANY HAZARDOUS / POTENTIALLY CONTAMINATIVE WASTE.</p> <p>THE SITE HAS STRICT PRE-ACCEPTANCE CHECKS WHICH ARE PROVIDED WITHIN THE SITES EMS.</p> <p>ADDITIONAL WASTES AND ANY WASTES WHICH ARE LIABLE TO GIVE RISE TO CONTAMINATION WILL BE REMOVED FROM SITE OR PLACED INTO THE QUARANTINE SKIP/AREA.</p> <p>STAFF TRAINING AND HANDLING PROCEDURES ARE IN PLACE.</p> <p><b>AIR:</b>                      THE SITE WILL BE OPERATED IN ACCORDANCE WITH A DUST MANAGEMENT PLAN (DOC REF: 2358-003-H)</p> <p>THE WASTE STOCKPILES AND RECOVERED PROCESSED PRODUCTS ARE RELATIVELY COARSE AND ARE GENERALLY RECOVERED AND PROCESSED IN A DAMP CONDITION WHICH REDUCES POTENTIAL FOR EROSION BY WIND WHIP AND THE CREATION OF NUISANCE DUST AND IMPACT TO AIR.</p> <p>THE WASH PLANT INVOLVES THE CONTINUOUS USE OF WATER WHICH ENSURES WASTE IS WETTED THROUGHOUT THE PROCESS WHICH SIGNIFICANTLY REDUCES THE POTENTIAL FOR DUST AND REDUCES THE IMPACT TO AIR.</p> <p>STORAGE/DROP HEIGHTS WILL BE KEPT TO A MINIMUM.</p> <p>DUSTY LOADS (INCLUDING NEW WASTE TYPES WITH DUST POTENTIAL) SHEETED ON ARRIVAL AND EGRESS FROM THE SITE.</p> <p>VISUAL ASSESSMENT / MONITORING WILL BE UNDERTAKEN ONSITE AND AT THE SITE ENTRANCE IN ORDER TO ENSURE DUST IS NOT ESCAPING BEYOND THE SITE.</p>

								<p><b><u>WATER/LAND:</u></b> THE CONCRETE PAD CONSTRUCTED BENEATH THE WASH PLANT WILL REMOVE ANY PATHWAY BETWEEN THE GROUND AT THE SITE AND ANY POTENTIAL RECETPORS.</p> <p>REGULAR (MINIMUM DAILY) CHECKS OF SITE SURFACE INFRASTRUCTURE INCLUDING SITE SURFACING TO ENSURE THAT IT IS IN A GOOD STATE TO PREVENT ANY POTENTIAL POLLUTION PATHWAYS TO GROUNDWATER.</p>
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