

E02-02-XX Environmental Risk Assessment – Shearing

Depot Name & No.:	Gladstone S1
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Version:	1	Date	October 2020	Depot Manager:	
Activity:	Shearing			SHE Specialist	Jonathan O'Neill
Next Review Due	October 2022			Reviewed By:	(print & sign)
Actual Review Date		Reason for Review	N/A - First Issue	Manager Sign off:	(print & sign)

Source	Hazard	Receptor	Physical Control Measures in Place	Relevant EPP's	Likelihood	Severity	Risk Level	NEW Control Measures Required (Actions required responsibility and target dates).
Shearing Material	Risk of pollution from oil	Land and surface water	<ol style="list-style-type: none"> Absorbent materials are available to clean up spillages if necessary. Fixed plant is set on impermeable surface served by a sealed drainage system. Site surface condition inspected formally at least monthly. Equipment inspected daily and maintained regularly. Drainage system fitted with interceptor – Flow from the interceptor is controlled manually therefore in the event of potential pollution flow can be stopped and surface water can be retained. 	5.2	2	2	4	
	Risk of noise	Local community	<ol style="list-style-type: none"> Where possible, machinery is situated away from sensitive receptors. Site located in industrial area. Machinery is maintained regularly. Materials are handled by trained operatives. All complaints received are logged and investigated. 	4.3	2	2	4	

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Key

Likelihood (with existing controls)	Index	Severity	Index
Highly unlikely to occur	1	The hazard can result in no detrimental impact on the environment.	1
Unlikely to occur	2	The hazard can result in minor impact on the environment (e.g. nuisance impact requiring small clean up)	2
May occur in time	3	The hazard can result in significant impact on the environment (e.g. potentially harmful requiring clean up operation)	3
Highly Likely to occur in the near future	4	The hazard can result in major impact on the environment (e.g. potentially fatal to organisms requiring major clean up operation)	4
Will occur	5	The hazard can result in catastrophic impacts on the environment (e.g. death of majority of living organisms in surrounding area)	5

Risk Rating	Risk Level	Risk Level (Likelihood x Severity) – Action & Timescale
1-4	TRIVIAL	No further action is required.
5-14	TOLERABLE	Further controls may not be required. Consideration may be given to a more cost effective solution or improvement that imposes no additional cost burden. Monitoring is required to ensure that existing controls are maintained.
15+	SUBSTANTIAL	Work must not be authorised until the risk is reduced to at least a moderate level.

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