

Appendix A Risk assessment

Assessment Details									
Org Unit	DFI			Assessor Name	David Mason				
Reference	Asbestos Reception & Disposal Facility & Cell 30			Assessment Team Members	Denis Van der Vliet, Carolyn Lennox & Melanie Baxter				
Is This Confidential	No			Assessment Date	3 rd March 2016				
Publish To Portal	Yes			Activity Description	Asbestos Reception & Disposal Facility				
Project Risk Assessment Reference				Number Of People Exposed					
Description	Asbestos Reception & Disposal Facility			People Exposed	DFI Employees + Contractors + visitors to site				
Location	La Collette Phase 2			Is This An Acceptable Risk?	Yes				
No	Hazard Category	Hazard Phrases	Receptor At Risk	How Is Person At Risk	Control Measures	Potential Risk Factor	Additional Control Measures	Residual Risk Factor	Action Details
A	Airborne asbestos fibres		Contractors + DFI Employees + visitors to site	Respiratory illness i.e. lung cancer and mesothelioma	<ol style="list-style-type: none"> 1. Waste Acceptance Criteria (WAC) 2. Damping down the waste as part of the tip process 3. Signage 4. Access barriers 5. Competent Contractor 6. Written procedures, method statement including Emergency Plan 7. All asbestos received appropriately packaged in accordance with ACoP 8 8. Respirator & Exclusion zones in operation 9. PPE 10. Following the last deposit on a tip day, the waste will be covered with terram and inert material 11. Air Monitoring 	Likelihood: Low Severity: High Risk: Medium/low	Regular Review and performance Monitoring	Low	
B	Vehicle Containers		Asbestos release, traffic accident		<ul style="list-style-type: none"> • Appropriate and compliant vehicles via WAC 	Likelihood: High	<ul style="list-style-type: none"> • Industry informed prior to opening of 	Low	

					<ul style="list-style-type: none"> • Segregation of people & vehicles • Check for overloading • Speed limits • Traffic Management 	Severity: High Risk: High	requirements <ul style="list-style-type: none"> • Non-compliance equals rejection • Performance monitoring 		
C	Manual Handling		Contractors + DFI Employees + visitors to site	<ul style="list-style-type: none"> • Musculoskeletal injury • Fibre release 	<ul style="list-style-type: none"> • Most loads to be tipped directly rather than man handled • Waste packages to be below 20kg or lifted by two people or mechanical handling utilised • Each load assessed by competent person • Non-compliant receptacles will be rejected • Screening of notifications 	Likelihood: Med Severity: Med Risk: Med	<ul style="list-style-type: none"> • Use mechanical means where possible • Appropriate PPE • Competent Contractor 	Medium	If unsafe reject.
D	Contamination of vehicles & equipment		Contractors + DFI Employees + visitors to site	Respiratory illness i.e. lung cancer and mesothelioma	<ul style="list-style-type: none"> • According to incident procedures will be developed • All skips will be washed out • Clearance certificate issued when necessary 	Likelihood: Low Severity: High Risk: Med		Low	
E	Waste, litter and mud on local roads		Local human population	Nuisance, loss of amenity, road traffic, accidents	<ul style="list-style-type: none"> • WAC clean skips only accepted • The site is a clean site • Regular litter picks • No litter due to nature of site 	Likelihood: Low Severity: Low Risk: Low		Low	
F	Arson and vandalism		Contractors + DFI Employees + visitors to site	Respiratory irritation, illness and nuisance to local population. Injury to staff, firefighters or arsonists/vandals. Pollution of water or land	<ul style="list-style-type: none"> • Site is locked with perimeter fence • No fuel stored on site • CCTV in surrounding areas 	Likelihood: Low Severity: Med Risk: Low		Low	
G	Accidental fire causing the release of polluting materials to air (smoke or fumes), water or land.		Local human population and local environment	Respiratory irritation, illness and nuisance to local population, injury to staff or firefighters. Pollution of water or land.	<ul style="list-style-type: none"> • Smoking is not permitted on site • Fire Extinguisher • Low risk of ignition 	Likelihood: Medium Severity: Med Risk: Low		Low	
H	Odour			Not applicable	Waste that could give rise to odours are not allowed on site	Likelihood: Low Severity: Low		Low	

						Risk: Low			
I	Noise and vibration		Contractors + DFI Employees + visitors to site	Nuisance, loss of amenity	<ul style="list-style-type: none"> All plant and equipment regularly maintained 	Likelihood: Low Severity: Low Risk: Low		Low	
J	Scavenging animals and scavenging birds		Local human population	Harm to human health – from waste carried off site and faeces. Nuisance and loss of amenity	<ul style="list-style-type: none"> Permitted wastes are unlikely to attract animals and birds. 	Likelihood: Low Severity: Low Risk: low		Low	
K	Pests		Local human population	Harm to human health, nuisance, loss of amenity	<ul style="list-style-type: none"> Permitted wastes are unlikely to attract insect or pests No source of food left on site All waste removed on a regular basis 	Likelihood: Low Severity: Low Risk: low		Low	
L	Spillage of liquids, leachate from contaminated waste, contaminated rainwater run-off from waste e.g. containing suspended solids		Water environment	Acute effects: oxygen depletion, fish kill and algal blooms	<ul style="list-style-type: none"> Cell <ul style="list-style-type: none"> All waste will be deposited in an engineered lined cell, built in accordance with the CQA report The inert cover material will not damage cell liner Leachate will be collected in cell sumps collected via leachate pipes Reception Area <ul style="list-style-type: none"> Impervious concrete slab with upstand concrete Site has a drainage system that includes filtration and interception of potential pollutants in accordance with discharge permit Designed Quarantine Area <ul style="list-style-type: none"> All quarantined loads will be stored on the impervious concrete slab in locked skips and the HSI notified 	Likelihood: Low Severity: Medium Risk: Low	Incident and spillage procedures to manage any spillages at source.		
Assessment Conclusion		Overall low risk after control measures are in place.							