

## E02-02-01 Environmental Risk Assessment - Acceptance - Non Permitted Waste

Depot Name & No.:	Liverpool Gladstone S1
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Version:	1	Date	September 2020	Depot Manager:	(print & sign)
Activity:	Acceptance – non permitted waste			Environmental Co-ordinator	(print & sign)
Next Review Due:	September 2022	Actual Review Date:		Reviewed By:	(print & sign)
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).
Hazardous gases	Ozone depleting substances	Ozone layer	<ol style="list-style-type: none"> <li>Do not accept ODS fridges (or hazardous WEEE in general) on site.</li> <li>Inspect loads and reject as necessary.</li> </ol>	1.1, 1.2, 1.3, 1.4, 1.5, 1.8	2	2	4	
Explosive substances	Release of pressure and noise	Off site persons	<ol style="list-style-type: none"> <li>Do not accept any potentially explosive canisters.</li> <li>Previously pressurised canisters to be accompanied by certificate of depressurising.</li> <li>Inspect loads and reject as necessary.</li> <li>Inspect loads and reject as necessary.</li> </ol>	1.1, 1.2, 1.3, 1.4, 1.7, 1.8	2	2	4	
Hazardous solids	Radioactive sources	Air, soils, water, off site persons	<ol style="list-style-type: none"> <li>Do not accept loads with radioactive sources contained within them.</li> <li>All loads entering site pass through radiation detection units prior to acceptance.</li> <li>Inspect loads and reject or quarantine as necessary.</li> <li>Radiation bunker available on-site.</li> <li>Trained Radiation Protection Supervisor (RPS) and Radiation Protection Advisor (RPA) available for guidance.</li> </ol>	1.1, 1.2, 1.3, 1.4, 1.6, 1.8	2	2	4	

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Approved for IMS:	IMS Management Team	Document owner:	Group SHE Manager	File location:	1.8 Page 1 of 3

## E02-02-01 Environmental Risk Assessment - Acceptance - Non Permitted Waste

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Hazardous liquids	Paints, solvents	Soils and surface waters	<ol style="list-style-type: none"> <li>Containers only accepted if accompanied with certification of cleaning.</li> <li>Inspect loads and reject as necessary</li> </ol>	1.1, 1.2, 1.3, 1.4, 1.8	2	2	4	
	PCB's	Soils and surface waters	<ol style="list-style-type: none"> <li>Do not accept item if not accompanied by a certificate of cleaning from a valid source.</li> <li>Inspect loads and reject as necessary.</li> </ol>	1.1, 1.2, 1.3, 1.4, 1.8	2	2	4	
	Oils and fuels	Soils and surface waters	<ol style="list-style-type: none"> <li>Inspect loads and reject as necessary.</li> </ol>	1.1, 1.2, 1.3, 1.4, 1.8	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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