Swan Street Firehouse - Environmental Risk Assessment

Hazard	Source	Pathway	Receptor	Probability of Exposure	Consequence	Magnitude of risk	Risk Management	Residual risk
Chemicals and oils	From previous use of site - MOT station	Percolation through soils, direct run-off from site across the ground and entering surface water or groundwater	Nearby natural habitats / Members of public	Low	Medium	Medium	Site has been fully cleaned prior to occupation. External yard area will be overlaid with a base and binder layer course of tarmac. Any planter areas will be raised from the ground and internally lined with a suitable membrane. Imported topsoil will be used within these planters. The architect will provide further details of such planters.	**Low**
Litter	Litter from Swan Street Firehouse	Transportation through the air and over land	Site employees Members of the public and local residents	Low	Low	Low	The site is serviced within palisade fencing to restrict unauthorised access. The site will be carefully managed including good housekeeping procedures and regular checks will be made within and around the site for any litter/debris. In addition, the site access and highway outside will be regularly inspected and any litter/debris found will be picked up by staff. Any issues identified will be recorded, investigated and appropriate remedial action will be taken as soon as practicable.	**Low**
Ground Gases	From previous use and underground services	Service entry points within portacabins	Members of public	Low	Medium	Medium	All service entry points will be above ground and sealed to the portacabin. Portacabin's will have sufficent ventilation. All penetrations through floors will be fully sealed.	**Low**
Pests (flies, vermin, birds) attracted to the waste materials	Pests	Transportation through the air and over land	Site employees, members of the public and local residents	Low	Low	Low	Waste will be stored and removed from site within a timely manner to ensure that the generation of waste does not attract such pests. This will be constantly monitored by the workforce and further reviews/measures carried out if required.	**Low**
Releases of dusts or particulate matter from incoming /outgoing vehicles	Vehicle movements	Air transport and inhalation	Site employees, members of the public and local residents	Low	Medium	Low	Due to the location of the site on the main ring road. No additional measures are deemed necessary.	**Low**
Noise from use of venue	Noise from SSF	Noise through the air and vibration through the ground	Local residents, local businesses	-	-	-	As per Acousticians reports	-
Noise from vehicle movements	Noise from SSF	Noise through the air and vibration through the ground	Local residents, local businesses	-	-	-	As per Acousticians reports	-