**Environmental Risk Assessment – Storing waste outside the warehouse building:**

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| **ACTIVITY**  **Storing Hazardous & Non-hazardous waste(s) outside the warehouse building** | **ASPECT**  **Escape of contaminated effluents**  **Cross contamination of wastes**  **Fire / explosion / reactions**  **Odours**  **Fugitive Emissions** | **IMPACTS**  Pollution to land  Pollution to surface and groundwater  Effects on human health, flora and fauna | **RECEPTOR**  Neighbouring businesses less than 20 meters away  Yorkshire Water sewer / drainage system  Surface water drains / gullies  Leeds & Liverpool  Canal SSSI 1.5 km north  Farnley Hall  Fishpond LNR 1.9 km south-west  Farnley Reservoir  and Silver Royd Hill LNA 1.1 km south-west  Kirkstall Valley LNA 1.5 km north | **Overall Risk**  **High** | **CONTROL MEASURES**     * **All wastes will be stored for no longer than 3 months with the most dated wastes removed first** * **Pre-acceptance and waste acceptance procedures (Ref to Sections 10 & 11 of EMS) to be adhered to at all times** * **Only permitted wastes types will be accepted onto site (ref to Appendix 33)** * **Wastes segregated according to class, waste type and hazardous properties in compliance with HSG 51(ref to Sections 13 & 14)** * **No storage of Flammable, Toxic, Corrosive or Oxidising waste(s) outside the warehouse building** * **All waste containers will be stored at ground level and a maximum of 2 containers high** * **The waste bay in Yard 1. will have a 2.4mtr high firewall running the full length of the bay & will be 1mtr from the perimeter fence line & adjacent land (occupied by OEL also)** * **The storage areas will be clearly marked and signed with the hazardous characteristics of the wastes stored** * **All of the containers will be clearly labelled at the acceptance stage with the date of arrival, relevant code, chemical identity and composition of the waste and a unique reference number or code enabling identification, through stock control and cross reference to pre-acceptance and acceptance records held within the computerized data-base stock control system.** * **Fire extinguishers and spill kits located in high risk areas and in accordance with hazardous properties** * **Aerosols stored in a large well-ventilated container with mesh missile protection & fire suppression** * **Full site yard tertiary containment** * **All wastes stored on impervious surfaces** * **Site drainage penstock isolation valve to be closed immediately upon detection of an incident** * **Site tertiary bunding to be raised upon detection of an incident using site emergency sand bags** * **Containment lagoons to be constructed at Car park & Carr Crofts Drive** * **Environmental inspections (ref to Appendix 32)** * **Staff training (ref to Section 8 of EMS)** * **Site locked when not in use** * **CCTV located round site** |