**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 landPollution to surface and groundwaterEffects on human health, flora and fauna | **RECEPTOR**Neighbouring businesses less than 20 meters awayYorkshire Water sewer / drainage systemSurface water drains / gulliesLeeds & LiverpoolCanal SSSI 1.5 km northFarnley HallFishpond LNR 1.9 km south-westFarnley Reservoirand Silver Royd Hill LNA 1.1 km south-westKirkstall 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**
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