**ENVIRONMENTAL IMPACT ASSESSMENT**

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| **Title** | Chemicals | | |
| **Aspect** | A range of chemicals are used for the sanitary requirements of the site. A full list of these can be found in H&S COSHH Chemical Material Safety Data Sheets. | | |
| **Environmental Impact** | Chemical production produces air and water pollutants.  Spillages of chemicals should be treated in the same way as any other spill. Discharges to water sources can have severe environmental impact depending on the chemical. However, alterations to the chemical & biological oxygen demand are likely causing chronic damage to the ecosystem. | | |
| **Controls Measures** | Chemicals are mainly stored in designated areas to minimise transportation risks.  Only designated trained staff are permitted to receive, transport and/or handle chemicals. | | |
| **Relevant Legislation** | See Register of Relevant Legislation | | |
| **Significance** | **Frequency**  **(F)** | **Severity**  **(S)** | **Impact**  **(I)** |
| **Normal** | **3** | **1** | **3** |
| **Abnormal** | **2** | **2** | **4** |
| **Emergency** | **1** | **10** | **10** |
| **Frequency (F)**  Unlikely (annual) = 1  Common (monthly) = 2  Frequent (daily/weekly) = 3 | | **Severity (S)**  Minimal Environmental Impact = 1  Low Environmental Impact = 2  Moderate Environmental Impact = 3  High Environmental Impact = 6  Severe Environmental Impact = 10 | |
| Environmental Impact (I) = Frequency of Occurrence (F) X Severity (S) | | | |
| Comments / Actions / Further Investigations Review chemical usage and assess feasibility of moving main chemicals to bulk storage. | | | |