**ENVIRONMENTAL IMPACT ASSESSMENT**

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| **Title** | Trade Effluent |
| **Aspect** | Use of water within the creamery for cleaning, CIP, generates waste effluent water which must be treated at the site waste management centreSpills of milk, butter, cream or other fluids inside the Creamery draining to effluent |
| **Environmental Impact** | Potential released into the environment through drainage faults could cause a range of chemical/biological changes if reaching surface water:Increases in the chemical and biological oxygen demandChanges in the turbidity of environment and potential sedimentationAesthetic impacts on water coursesDamage to ecosystems and organisms |
| **Controls Measures** | Site drainage plans should be kept up to date.Drains should be colour coded (Trade, Surface, Foul).Regular monitoring and maintenance of site effluent plant |
| **Relevant Legislation** | See Register of Relevant Legislation |
| **Significance** | **Frequency****(F)** | **Severity****(S)** | **Impact****(I)** |
| **Normal** | **3** | **2** | **6** |
| **Abnormal** | **1** | **3** | **3** |
| **Emergency** | **1** | **5** | **5** |
| **Frequency (F)** Unlikely (annual) = 1Common (monthly) = 2Frequent (daily/weekly) = 3 | **Severity (S)**Minimal Environmental Impact = 1Low Environmental Impact = 2Moderate Environmental Impact = 3High Environmental Impact = 6Severe Environmental Impact = 10 |
| Environmental Impact (I) = Frequency of Occurrence (F) X Severity (S) |
| Comments / Actions / Further InvestigationsB-Corp team to investigate further water reduction projects and initiatives. |