**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 centre  Spills 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 demand  Changes in the turbidity of environment and potential sedimentation  Aesthetic impacts on water courses  Damage 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) = 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 B-Corp team to investigate further water reduction projects and initiatives. | | | |