**ENVIRONMENTAL IMPACT ASSESSMENT**

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| **Title** | Water Usage | | |
| **Aspect** | Cleaning within the Creamery, process water, feed water for boilers, domestic use, CIP, RO and defrosting. Chilled potable supply, tray washing, and daily hose reel cleaning operations. | | |
| **Environmental Impact** | Excessive use of water can lead to increased frequency of water shortages during dry periods. Depletion of reservoirs and aquifer reserves, limiting supply to the residential area. Backflow of water from the bakery could cause widespread contamination of supplies.  Associated CO2 emissions from generating electricity to pump water | | |
| **Controls Measures** | Checks on daily consumption and identification and resolution of leaks and defects. | | |
| **Relevant Legislation** | See Register of Relevant Legislation | | |
| **Significance** | **Frequency**  **(F)** | **Severity**  **(S)** | **Impact**  **(I)** |
| **Normal** | **3** | **2** | **6** |
| **Abnormal** | **1** | **3** | **3** |
| **Emergency** | **N/A** | **N/A** | **N/A** |
| **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 teams to identify further water saving initiatives. | | | |