

C2 2b Non-Technical Summary

The proposed changes to the site are purely based on increasing production capacity. There will be no new products or processes introduced, simply an increase or upgrade to key process equipment that will allow an uplift in throughput and capacity.

The theoretical production capacity will be changing from:

- Current (pre-project) 1,028 k litres per day (~1,066 tonnes), to
- Future (post-project) 1,200 k litres per day (~1,244 tonnes)

This is an increase of 172,000 litres of milk per day (approx. 178 tonnes per day)

This will be achieved through the following changes on site:

- 2 new cheese vats (each with 30,000 litre capacity), taking the total to 10.
- 1 additional milk intake bay
- 1 additional milk storage silo
- Expansion of existing milk pasteurisers & separators
- Increased pipework size for various product routes
- Replacement of the older whey clarifier
- Expansion of the membrane plants and modifications to the whey evaporator to increase capacity for whey processing in line with the increase in milk processing and cheese production
- Increased whey concentrate (larger silo replacing an older, smaller silo) and cream storage
- Expansion of CIP set and removal of 2 others

The site services and Effluent Treatment Plant are already suitably sized to be able to cope with the increase in throughput. *Note – the natural gas fired boilers on site will be subject to MCPD by 2025, but that will be progressed as a separate variation application at a later date.*

An overview of the proposed changes is shown in the site plan below. A larger version is available as document C2 5a.

