

MWC

Building Teams – Setting Standards

Good Morning

MDARD

*World-Class Leader in Cheese
and Whey Protein*

MWC



Who is MWC?

MWC is a Joint Venture. The partners are:

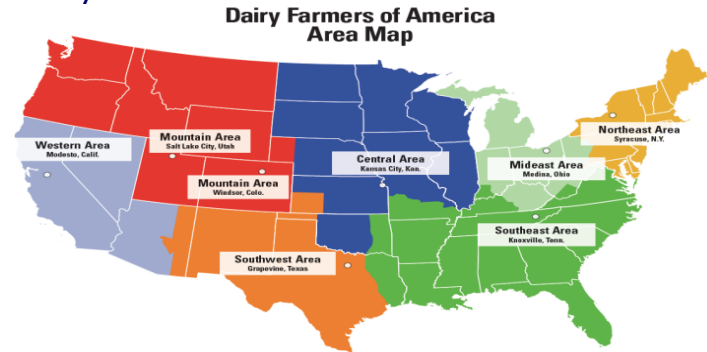
50%-Milk Members



MM responsible for Milk Supply:

Mideast Area

Michigan-Indiana-Kentucky-Ohio-West Virginia-Pennsylvania



50%-Glanbia plc



Glanbia is responsible for:

- Operations
- Marketing
- R&D

Design Assumptions

- 8 MM lb./d cheese and whey facility; expansion feasibility built in to project similar to original SWC
- Packaging SWC product mix in to 40 # blocks on 100 % Line 1 and 640 #/40# blocks on Line 2
- Dryer currently sized to handle approx. 10 MM lb./d of milk; dependent on product mix (high fat WPC80 will lower dryer capacity)
- (8) milk bays to meet intake requirements (super tankers, no drop yard).
- Proliant to process permeate. Plant will supply Proliant with steam and soft water via pipe bridge



Where's the Cheese?

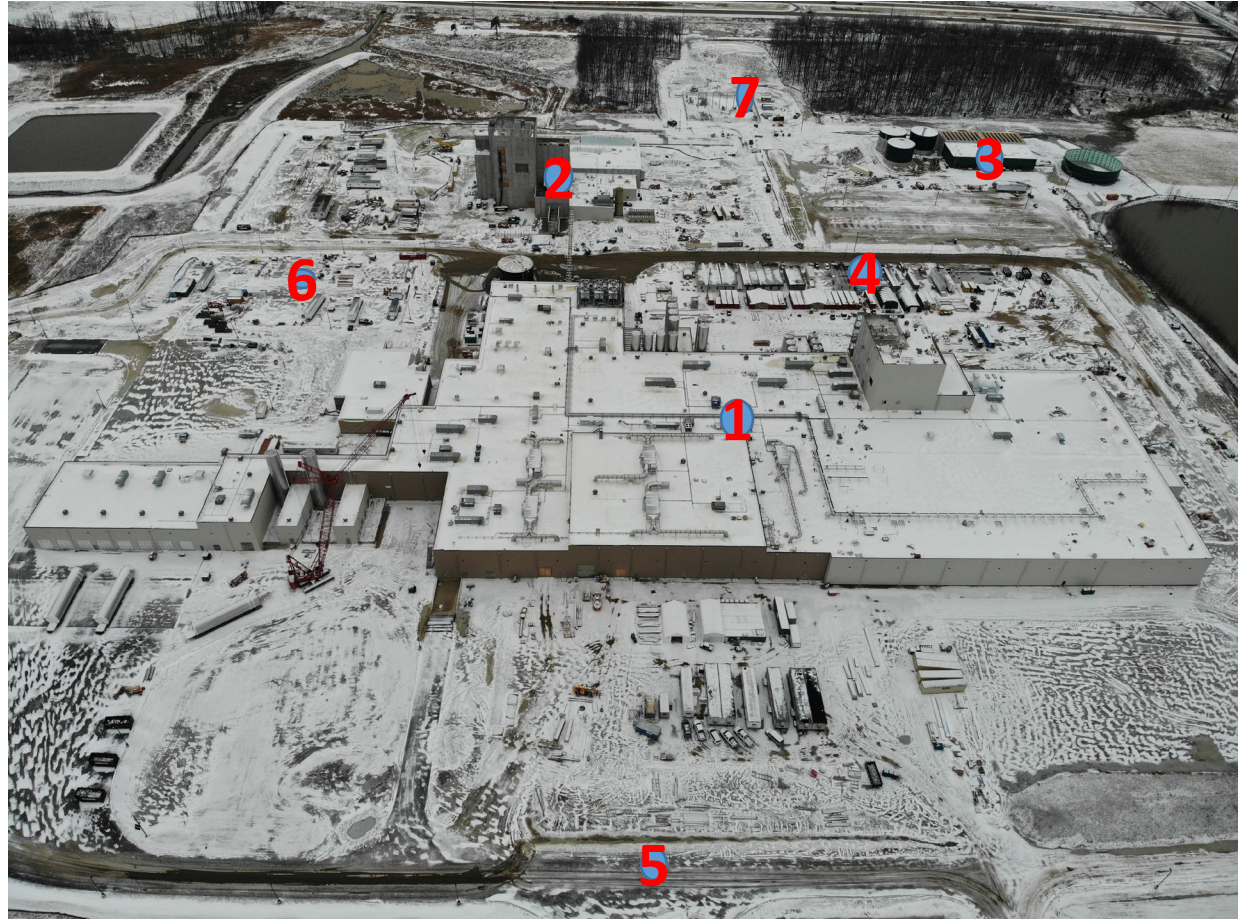


Where's the Whey?



Site Layout

1. SPARTAN Plant
2. Proliant Plant
3. WWTP Location
4. Construction Village/ Parking
5. Main Truck Entrance
6. Employee Parking
7. Sub Station



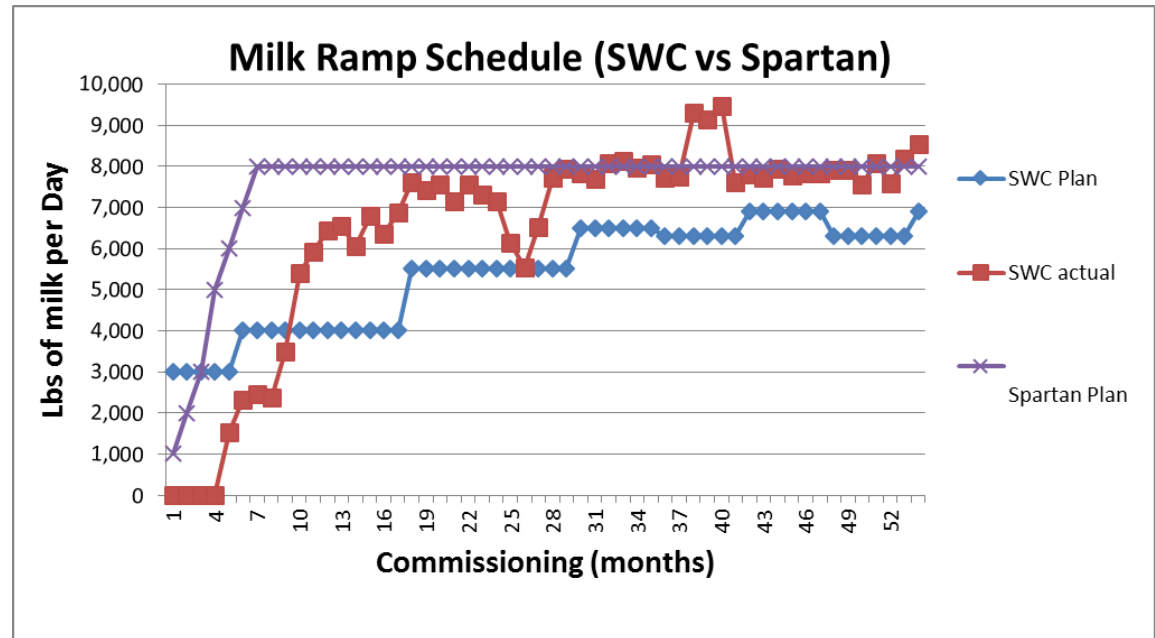
Key Milestones

Milestone	Date
Full project approval	August 9, 2018
Construction begins	September, 2018
Precast erection begins	February, 2019
Process vendors begin installation	June, 2019
Building complete and water tight	January, 2020
Milk intake ready for commissioning	May, 2020
First milk delivered to plant under GMP conditions	October, 2020
Whey plant substantially complete	November, 2020*
Cheese plant substantially complete (incl. 40 # line)	December, 2020*
Dryer substantially complete	December, 2020*
640 # packaging line substantially complete	April, 2021*

Project Spartan Milk Ramp Up

- Spartan milk ramp up plan set to start October, 2020
- Plan is aggressive but realistic. SWC original plan and actual added to chart below for comparison
- Commissioning of 640 line will occur April, 2021- July, 2021

Date	Average Milk lbs/day (000's)
October, 2020	First milk
November, 2020	1,000
December, 2020	2,000
January, 2021	3,000
February, 2021	5,000
March, 2021	6,000
April, 2021	7,000
May, 2021	8,000
June, 2021	8,000
July, 2021	8,000

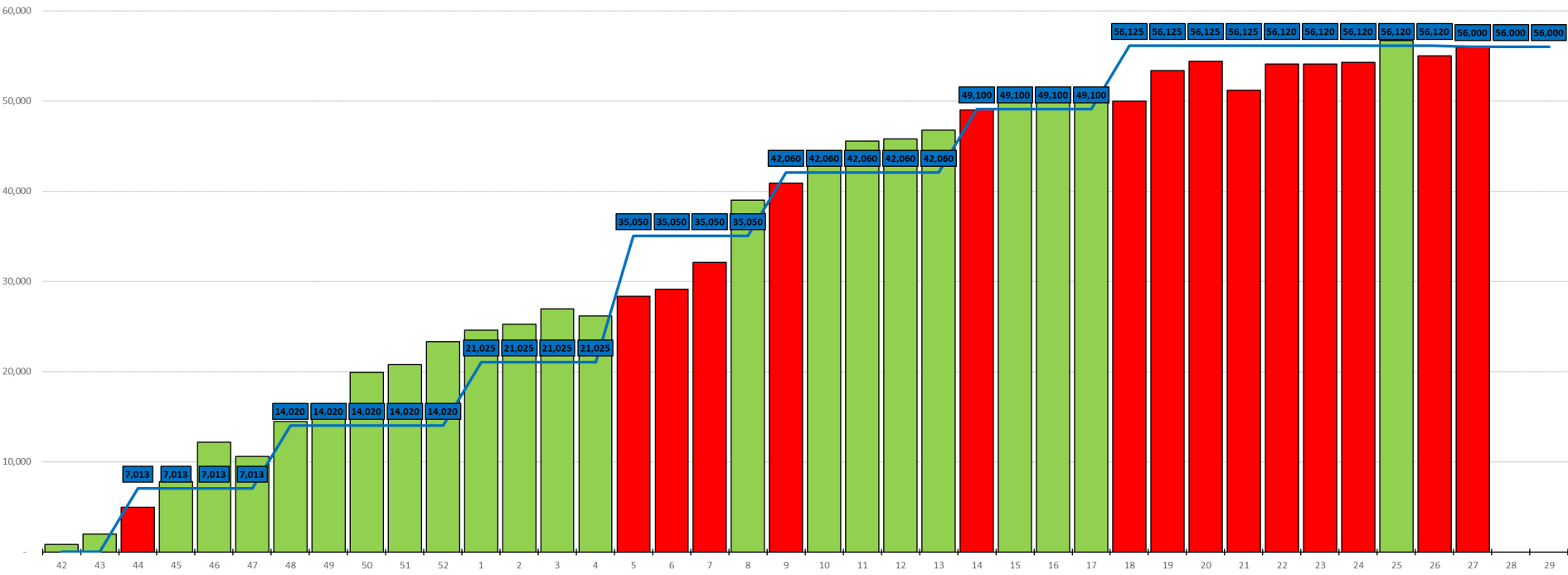


Milk intake bays progressing



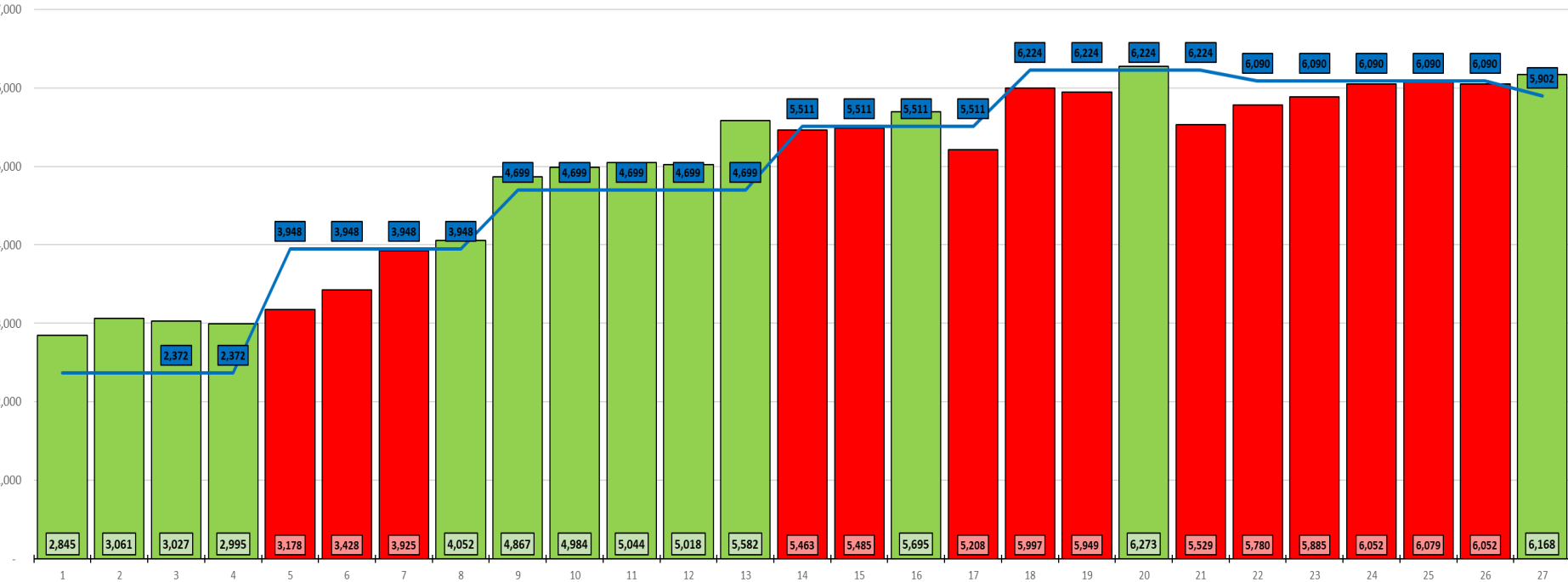
Milk intake

Milk Intake



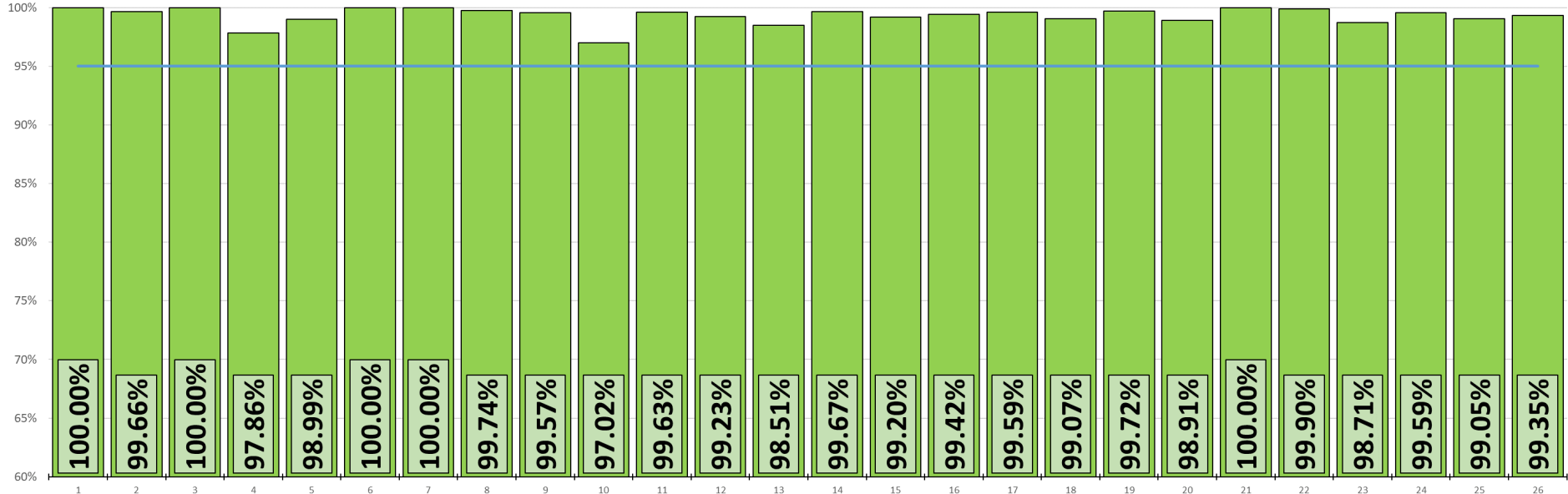
Cheese Volume

Weekly Cheese Production (,000 lbs)



Cheese Quality

Cheese QIP





Questions

