Milk Bulk Tank Culture				
Lab Pasteurization Test				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	20	Colonies/ml	
	BUTTERWORKS FARM 2-4-20	35	Colonies/ml	
	BUTTERWORKS FARM 3-3-20	15	Colonies/ml	
Range of results from all 30 farm visits (10 farms):	Average	243	Colonies/ml	
	Lowest	0	Colonies/ml	
	Highest	1,250	Colonies/ml	
Standard plate count (32 degrees C)				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	3,700,000	Colonies/ml	
	BUTTERWORKS FARM 2-4-20	15	Colonies/ml	
	BUTTERWORKS FARM 3-3-20	600	Colonies/ml	
Range of results from all 30 farm visits (10 farms):	Average	123,454	Colonies/ml	
	Lowest	15	Colonies/ml	
	Highest	3,700,000	Colonies/ml	
Dro incubation count				
Pre-incubation count Bulk tank milk	DITTEDMODES FARM 1 2 20	1 250	Colonias /!	
DUIK LOHK HIHK	BUTTERWORKS FARM 1-2-20 BUTTERWORKS FARM 2-4-20	1,250 140	Colonies/ml Colonies/ml	
	BUTTERWORKS FARM 2-4-20 BUTTERWORKS FARM 3-3-20		Colonies/ml	
Range of results from all 30 farm visits (10 farms):	1	19,500 2,264	Colonies/ml	
Range of results from all 50 farm visits (10 farms):	Average Lowest	2,264	Colonies/ml	
	Highest	19,500	Colonies/ml	
	nignest	19,500	Colonies/iiii	
Coliform count (32 degrees C)				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	4,600,000	Colonies/ml	
Dun tunk iiiik	BUTTERWORKS FARM 2-4-20	0	Colonies/ml	
	BUTTERWORKS FARM 3-3-20	0	Colonies/ml	
Range of results from all 30 farm visits (10 farms):	Average	153,338	Colonies/ml	
, ,	Lowest	0	Colonies/ml	
	Highest	4,600,000	Colonies/ml	
			•	
Coliforms				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	220	Colonies/ml	Moderate
	BUTTERWORKS FARM 2-4-20	0	Colonies/ml	NA
	BUTTERWORKS FARM 3-3-20	0	Colonies/ml	NA
Range of results from all 30 farm visits (10 farms):	Average	11	Colonies/ml	
	Lowest	0	Colonies/ml	
	Highest	220	Colonies/ml	
Non-ag Strep				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	50	Colonies/ml	Low
	BUTTERWORKS FARM 2-4-20	0	Colonies/ml	NA
	BUTTERWORKS FARM 3-3-20	80	Colonies/ml	Low
Range of results from all 30 farm visits (10 farms):	Average	85	Colonies/ml	
	Lowest	0	Colonies/ml	
	Highest	320	Colonies/ml	
Staph aureus	DUTTED MODIFICATION ASSESSMENT	_	6	
Bulk tank milk	BUTTERWORKS FARM 1-2-20	5	Colonies/ml	Low
	BUTTERWORKS FARM 2-4-20	0	Colonies/ml	NA
D	BUTTERWORKS FARM 3-3-20	5	Colonies/ml	Low
Range of results from all 30 farm visits (10 farms):	Average	22	Colonies/ml	

	Lowest	0	Colonies/ml	
	Highest	195	Colonies/ml	
	9			
Staph sp.				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	40	Colonies/ml	Low
Bulk tark fillik	BUTTERWORKS FARM 2-4-20	60	Colonies/ml	Low
	BUTTERWORKS FARM 3-3-20	35	Colonies/ml	Low
Range of results from all 30 farm visits (10 farms):	Average	1	Colonies/ml	
Range of results from all 30 farm visits (10 farms).	Lowest		Colonies/ml	
	Highest	180	Colonies/ml	
		1		
Strep agalactiae				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	0	Colonies/ml	NA
	BUTTERWORKS FARM 2-4-20	0	Colonies/ml	NA
	BUTTERWORKS FARM 3-3-20	0	Colonies/ml	NA
None of the 10 farms in study were positive for St	- I		Colonics/iiii	147
The state of the 20 talling in stady were positive for St				
Mycoplasma Culture - Milk				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	Negative		
Bulk tank milk	BUTTERWORKS FARM 2-4-20	Negative		
Bulk tank milk	BUTTERWORKS FARM 3-3-20	Negative		
None of the 10 farms in study were positive for M		Negative		
None of the 10 farms in study were positive for ivi	ycopiasma			
Durat attaca.				
Prototheca	DUTTED WORKS FARMA A 2 20	NI I'		
Bulk tank milk	BUTTERWORKS FARM 1-2-20	Negative		
	BUTTERWORKS FARM 2-4-20	Negative		
	BUTTERWORKS FARM 3-3-20	Negative		
None of the 10 farms in study were positive for Pr	ototheca			
	Ti control of the con	1 1		

Bedding Culture	I			
Coliforms				
BUTTERWORKS 1/2/2020 BEDDED PACK HAY	Coliforms	62,500	Colonies/ml	Moderate
BUTTERWORKS 1/2/2020 BEDDED PACK HAY	% Coliforms Klebsiella sp.	44	%	High
BUTTERWORKS 1/2/2020 TIE STALL SHAVINGS	Coliforms	10,000	Colonies/ml	Moderate
BUTTERWORKS 1/2/2020 TIE STALL SHAVINGS	% Coliforms Klebsiella sp.	0	%	Low
DUTTERWORKS 2/2/2020 REDDED DACK HAV	California	25	6.1	
BUTTERWORKS 2/3/2020 BEDDED PACK HAY	Coliforms	25	Colonies/ml %	Low
BUTTERWORKS 2/3/2020 BEDDED PACK HAY	% Coliforms Klebsiella sp.	U	%	Low
BUTTERWORKS 2/3/2020 TIE STALL SHAVINGS	Coliforms	0	Colonies/ml	Low
BUTTERWORKS 2/3/2020 TIE STALL SHAVINGS	% Coliforms Klebsiella sp.	-	%	Low
DOTTERWORKS 2737 2020 TIE STALE STAVINGS	70 COMOTHIS RICUSICIA Sp.		70	2011
BUTTERWORKS 3/2/2020 BEDDED PACK HAY	Coliforms	6,250,000	Colonies/ml	High
BUTTERWORKS 3/2/2020 TIE STALL SHAVINGS	% Coliforms Klebsiella sp.		%	Low
BUTTERWORKS 3/2/2020 TIE STALL SHAVINGS	Coliforms	1,300	Colonies/ml	Low
BUTTERWORKS 3/2/2020 BEDDED PACK HAY	% Coliforms Klebsiella sp.	1	%	High
Range of results from all 30 farm visits (10 farms):	Bedded packs	Wood shavings		
Average	440,687	113,240	Colonies/ml	
Lowest		0	Colonies/ml	
Highest	6,250,000	1,075,000	Colonies/ml	
Average	16	11	%	
Lowest		0	%	
Highest	74	63	%	
-				
Environ Strep				
BUTTERWORKS 1/2/2020 BEDDED PACK HAY	Streptococcus sp.	6,250,000	Colonies/ml	High
BUTTERWORKS 1/2/2020 TIE STALL SHAVINGS	Streptococcus sp.	1,025,000	Colonies/ml	Moderate
BUTTERWORKS 2/3/2020 BEDDED PACK HAY	Streptococcus sp.	2,700	Colonies/ml	Low
BUTTERWORKS 2/3/2020 TIE STALL SHAVINGS	Streptococcus sp.	105,000	Colonies/ml	Low
DUTTER VOR 1/2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2		650.000	0 1 1 1	
BUTTERWORKS 3/2/2020 BEDDED PACK HAY	Streptococcus sp.	650,000	Colonies/ml	
BUTTERWORKS 3/2/2020 TIE STALL SHAVINGS	Streptococcus sp.	525,000	Colonies/ml	Moderate
Range of results from all 30 farm visits (10 farms):		<b>Wood shavings</b> 2,077,716	Colonies/ml	
Average Lowest		6,250	Colonies/ml	
Highest		6,250,000	Colonies/ml	
	3,233,000	3,233,000		
Staph species				
BUTTERWORKS 1/2/2020 BEDDED PACK HAY	Staphylococcus sp.	0	Colonies/ml	Low
BUTTERWORKS 1/2/2020 TIE STALL SHAVINGS	Staphylococcus sp.	0	Colonies/ml	Low
BUTTERWORKS 2/3/2020 BEDDED PACK HAY	Staphylococcus sp.	0	Colonies/ml	Low
BUTTERWORKS 2/3/2020 TIE STALL SHAVINGS	Staphylococcus sp.	0	Colonies/ml	Low
BUTTERWORKS 3/2/2020 BEDDED PACK HAY	Staphylococcus sp.	0	Colonies/ml	Low
BUTTERWORKS 3/2/2020 TIE STALL SHAVINGS	Staphylococcus sp.	0	Colonies/ml	Low
Range of results from all 30 farm visits (10 farms):		Wood shavings		
Average		0	Colonies/ml	
Lowest		0	Colonies/ml	
Highest	0	0	Colonies/ml	