

Food Production Plant Water - Bacteria Reduction

Sample Source	APC cfu/g	Coliform cfu/g	Salmonella	Voltage	Amperage	KWH/1,000 gal
Total Plant Effluent Raw	118,000,000	65,000,000	Positive			
Total Plant Effluent EC	280	10	Negative	100	2.5	4.17
Total Plant Effluent % Reduction	100.00%	100.00%				
Hot Wash Water Raw	168,000,000	65,000,000	Positive			
Hot Wash Water EC	10	10	Negative	100	5.3	8.75
Hot Wash Water % Reduction	100.00%	100.00%				
Ambient Wash Water Raw	5,200	430	Negative			
Ambient Wash Water EC	20	10	Negative	100	1	1.67
Ambient Wash Water % Reduction	99.62%	97.67%				
Cold Water Raw	40	10	Negative			
Cold Water EC	10	10	Negative	100	1.5	2.50
Cold Water % Reduction	75.00%	0.00%				



50 GPM Electrocoagulation Unit



360 GPM Electrocoagulation Unit



50 GPM Electrocoagulation Unit