

Data Table 2 Direct Count

Sample	# of Bacteria	Dilution Factor (Large Square)	Dilution Factor (Dye)	DF (large square) X DF (Dye) X # of Colonies	# of Bacteria / ml
Faucet Water		1,250,000	2	1,250,000 X 2 X _____	
River Water		1,250,000	2	1,250,000 X 2 X _____	
Boiled Faucet Water		1,250,000	2	1,250,000 X 2 X _____	
Boiled River Water		1,250,000	2	1,250,000 X 2 X _____	

bacteria per ml = # of bacteria in square X The dilution factor (Large Square) (1,250,000) X The dilution factor (dye)