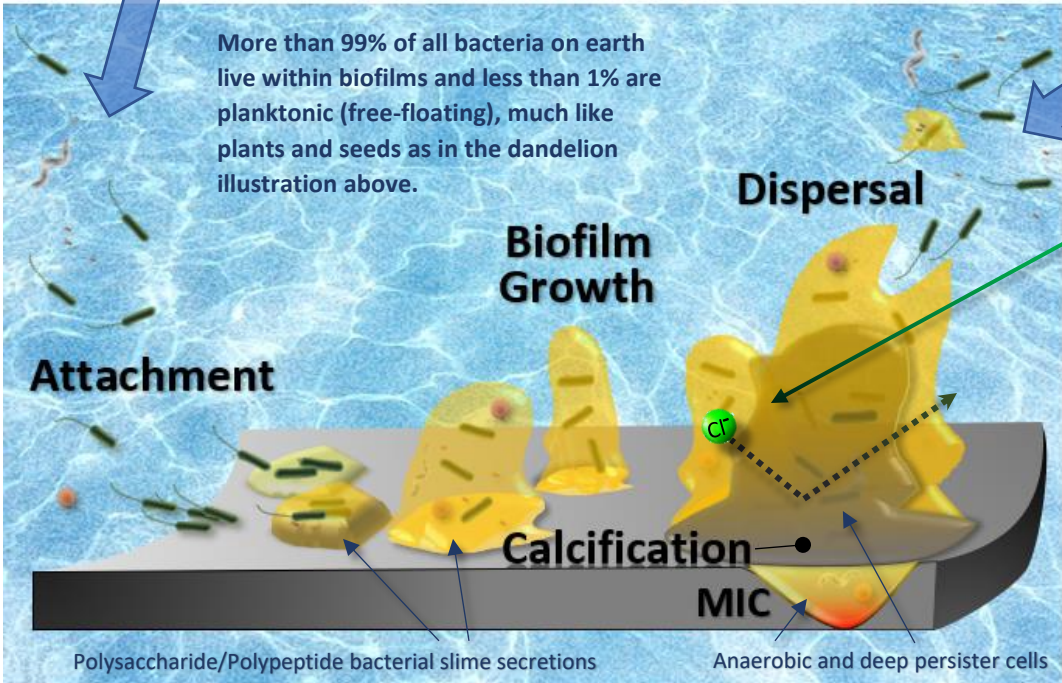


Biofilm/Bio-scale Removal



More than 99% of all bacteria on earth live within biofilms and less than 1% are planktonic (free-floating), much like plants and seeds as in the dandelion illustration above.

While chlorine by itself, kills planktonic bacteria (the free-floating seeds), chlorine has only minimal effect on slime and scale (the roots).

RT Solution™ safely removes slime and scale. This enables existing chlorine to kill Legionella and all bacteria, free floating AND attached. With RT Solution™ now in the potable system, slime and scale cannot reform. **FULL REMEDIATION IS ACHIEVED**

Hospital X, Room 3101

Before and After Legionella tests

Typically, 30% of all swab tests in a facility show positive Legionella test results before RT Solution™ is used, 0 after. ‡

		Potable Water*		Surface Swab (inside of fixture)*	
		CDC method: POTABLE SOP; ELITE Process		CDC method: SOP 2.35/SOP; ELITE Process	
		CFU/mL	Raw Count	CFU/mL	Raw Count
BEFORE Organisms isolated: <i>Legionella pneumophila</i> Serogroup 1	Room Sink	7	18	20	2
	Bathroom Sink	37	92	10	1
	Shower Head	< 1	1	110	11
RT Solution™ applied at 1:5000 in potable water system for 30 days; No additional remedial steps taken. †					
AFTER No Legionella isolated	Room Sink	0	0	0	0
	Bathroom Sink	0	0	0	0
	Shower Head	0	0	0	0

* Following CDC sampling protocol. † Chart is representative of typical results in any facility. Product effectiveness is also measured via ORP.

‡ Other factors involved: A) Product dilution rate (i.e. higher doses = faster results, 'slug' feed is also available), B) Interior pipe scale thickness to be removed by Product affects remediation speed, C) Slow water flow affects remediation (see instructions per CDC Legionella Toolkit)

Product is an NSF 60 registered product and is safe to use in drinking water