

Option	Observed Problem / Failure Mode												
	Poor ST ¹ Effluent Quality	Overloaded/ Undersized LAA (Hydraulic)	Highly Variable Wastewater Flows	Limited Available Area	Overloaded/ Undersized LAA (Nutrients)	Surface Failure of LAA	Poor Drainage / Inundation	Blocked LAA	Public Health Risk	Surface Export of Effluent	Highly Permeable Soil	Highly Impermeable Soil	Shallow Soil Depth to Limiting Layer (Groundwater/Bedrock)
Outlet Filter	X					X		X				X	
Increase Primary Treatment	X					X		X				X	
Flow Regulation to Systems	X	X	X	X		X			X		X	X	
Planting Tolerant Vegetation		X	X	X	X		X				X	X	X
Stormwater Diversion		X				X	X			X			
Enlarge Existing LAA ²		X			X	X		X		X			
Pressure Dose LAA		X	X	X							X	X	X
Flow Regulation to LAA		X	X	X			X				X	X	
Alternating LAA Use		X				X	X	X			X	X	
ETA ³ Beds		X				X		X			X	X	X
Water Conservation		X	X	X		X	X					X	
Mass Pollutant Reduction	X			X	X						X		X
Secondary Treatment				X	X						X	X	X
Advanced Secondary Treatment				X	X				X		X	X	X
Subsurface Irrigation				X					X	X		X	X
Mounds				X	X	X	X		X	X	X	X	X

¹ST = Septic Tank

²LAA = Land Application Area

³ETA = Evapo-transpiration / Absorption