

Option	Observed Problem / Failure Mode											
	Poor ST <sup>1</sup> 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	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			X	
Flow Regulation to System	X	X	X	X		X			X	X		
Planting Tolerant Vegetation		X	X	X	X	X	X		X	X	X	
Stormwater Diversion		X		X		X	X					
Enlarge Existing LAA <sup>2</sup>		X			X	X	X					
Pressure Dose LAA		X	X	X	X			X	X	X	X	
Flow Regulation to LAA		X	X	X					X	X		
Alternating LAA Use		X				X	X		X	X		
ETA <sup>3</sup> Beds		X				X		X	X	X	X	
Water Conservation	X	X	X	X		X	X	X		X		
Mass Pollutant Reduction	X			X	X				X		X	
Secondary Treatment		X		X	X				X	X	X	
Advanced Secondary Treatment				X	X				X	X	X	
Subsurface Irrigation				X								X
Mound / Raised LAA				X	X	X	X			X	X	X

<sup>1</sup>ST = Septic Tank

<sup>2</sup>LAA = Land Application Area

<sup>3</sup>ETA = Evapo-transpiration / Absorption

