

Category	Expected Nitrogen Removal (%)	Technology by Watershed	Megansett Squeteague	Phinneys Harbor	Buttermilk Bay	Pocasset Harbor	Pocasset River	Buzzards Bay	Cape Cod Canal
Primary - Source Reduction									
Decentralized Systems	43-70%	Cluster Treatment System	(X)	X	X	X	X	X	X
	50-80%	Experimental On-site System Technologies					X	X	
	No Data	On-Site Grey Water Treatment			(X)	(X)	(X)	X	X
Green Infrastructure	63%	Phytoirrigation							
	66%	Hydroponic Treatment							
	81%	Constructed Wetlands - Subsurface Flow							
	81%	Constructed Wetlands - Surface Flow							
Innovative Resource-Management	12%	Aquaculture		X	X	X		X	
Non-Structural Technologies	50%	Fertilizer Management	X	X	X	X	X	X	X
	63%	Remediation of Existing Development	X	X	X	X	X	X	X
	100%	Compact and Open Space Development	X	X	X	X	X	X	X
	100%	Transfer of Development Rights	X	X	X	X	X		
On-Site Systems	0%	Title 5 Septic System Replacement						X	X
	28%	Innovative/Alternative (I/A) MassDEP General Use*	X	X	X	X	X	X	X
	50%	I/A MassDEP Provisional Use*			X	X	X	X	X
	75%	I/A MassDEP Pilot Use*						X	X
	-	Tight Tanks	X	X	X	X	X	X	X
	Varied	I/A Hybrid or Enhanced Systems (2+ technologies)*	(X)	(X)	X	X	X	X	X
Waste Reduction Toilets	24%	Public Facility: Urine Diverting						X	X
	24%	Toilets: Urine Diverting						X	X
	62%	Toilets: Composting						X	X
	62%	Toilets: Incinerating							
	62%	Toilets: Packaging							
Secondary - Restoration & Remediation									
System Alterations	12%	Inlet / Culvert Widening							
	18%	Coastal Habitat Restoration						X	X
	25%	Floating Constructed Wetlands							
	83%	Surface Water Remediation Wetlands							
	88%	Pond and Estuary Dredging							
	No Data	Chemical Treatment of Ponds							
	No Data	Pond and Estuary Circulators							
Green Infrastructure	90%	Constructed Wetlands - Groundwater Treatment							
Innovative Resource-Management Technologies	70%	Fertigation Wells - Cranberry Bogs					X		X
	70%	Fertigation Wells - Turf							
	70%	Phytoremediation	X	X	X	X	X	X	X
	73%	Permeable Reactive Barriers (PRBs)				X	X		
Non-Structural Technologies	50%	Stormwater BMPs	X	X	X	X	X	X	X
Total Alternatives Recommended			8	10	12	13	13	19	19

*Responsible Management Entity (RME) Utility Operation Strongly

(X) = Possible but not necessarily applicable or use other categorical methods first