TABLE G-1 – PHOSPHORUS TMDLS[1]

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING IMPARIMENT	APPROVED TMDL LOAD/WASTE LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
AUBURN				
	Leesville Pond	Nutrients, Organic Enrichment, Low dissolved oxygen (DO)	50 % reduction[2] for HD[3] residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1(c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Pondville Pond	Noxious aquatic plants[4]	NA	
	Stoneville Pond	Noxious aquatic plants	10 % reduction for commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Eddy Pond	Turbidity and noxious aquatic plants	NA	
	Auburn Pond	Turbidity and noxious aquatic plants	NA	
CHARLTON				
	Granite Reservoir	Low DO, turbidity, nutrients, nuisance aquatic[5]	27 % reduction for HD residential, commercial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) &

[1] Northern Blackstone Lakes, Quanaboag Pond, Quaccumaquasit Pond, Connecticut Lake Basins, French Basin Lakes, Lake Boon, Chicopee Basin Lakes and Millers Basin Lakes, Palmer River, Flint Pond, Indian Lake, Lake Quinsigamond, Leesville Pond and Salisbury Pond
[2] Reductions are based on the loads existing at the time of TMDL development.
[3] HD – High density residential
[4] Noxious aquatic plants-invasive, non-native plants that threaten native vegetation, fish, wildlife and their habitat

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING IMPARIMENT	APPROVED TMDL LOAD/WASTE LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
		plants	& industrial	(iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Jones Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	44% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Pikes Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	80% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Pierpoint Meadow Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	40 % reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Gore Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	33% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Buffumville Pond	Low DO, turbidity, nutrients, nuisance aquatic	58 % reduction for HD residential, commercial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) &

[5] Nuisance aquatic plants-non-native aggressive species

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING IMPARIMENT	APPROVED TMDL LOAD/WASTE LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
		plants	& industrial	(iv) Part 2.4.4 Part 2.4.7.1(a)(i)
DUDLEY				
	Larner Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	77% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Peter Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	No reduction	
	Wallis Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	77% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Mosquito (Tobins)Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	97% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Sheperd Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	59% reduction for HD residential; 38% for commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING IMPARIMENT	APPROVED TMDL LOAD/WASTE LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
				Part 2.4.7.1(a)(i)
	Pierpoint Meadow Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	40% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	New Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	73% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Gore Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	33% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
GARDNER				
	Hilchey Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	65% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Ramsdall Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	78% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv)

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING IMPARIMENT	APPROVED TMDL LOAD/WASTE LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
				Part 2.4.4 Part 2.4.7.1(a)(i)
	Parker Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	80% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Bents Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	80% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
GRAFTON				
	Flint Pond	Turbidity	80% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
GRANBY				
	Aldrich Lake East	Noxious Plants, organic enrichment/low DO, nutrients, and turbidity	2 % reduction for HD residential 1% reduction for LD residential 4 % reduction for commercial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING IMPARIMENT	APPROVED TMDL LOAD/WASTE LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
HADLEY				
	Lake Warner	Noxious Plants, organic enrichment/low DO, nutrients, and turbidity	41% reduction LD residential 40 % reduction HD residential 44 % reduction commercial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
HUDSON				
	Lake Boon	Noxious aquatic plants	45% reduction in wet weather runoff	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
LEICESTER				
	Leesville Pond	Nutrients, organic enrichment, and low DO	50 % reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Greenville Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	19% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Rochdale Pond	Low DO, turbidity, nutrients, nuisance aquatic	11% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) &

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING IMPARIMENT	APPROVED TMDL LOAD/WASTE LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
		plants		(iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Dutton Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	35% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Cedar Meadow Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	28% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Southwick Pond	Noxious aquatic plants	NA	
	Smiths Pond	Turbidity	NA	
LUDLOW				
	Minechoag Pond	Noxious Plants, organic enrichment/low DO, nutrients, and turbidity	53 % reduction HD residential 50 % reduction commercial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
MILLBURY				
	Leesville Pond	Nutrients, Organic enrichment, and Low DO	50% reduction for HD residential, commercial and industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING IMPARIMENT	APPROVED TMDL LOAD/WASTE LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
				Part 2.4.7.1(a)(i)
	Dorothy Pond	Turbidity	NA	
	Howe Reservoir	Noxious aquatic plants	NA	
	Brierly Pond	Turbidity and noxious aquatic plants	NA	
OXFORD				
	Lowes Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	75% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Texas Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	34% reduction for HD residential, commercial, & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Robinson Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	23% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	McKinstry Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	84% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING IMPARIMENT	APPROVED TMDL LOAD/WASTE LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
	Hudson Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	52% reduction for commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
PAXTON				
	Leesville Pond	Nutrients, organic enrichment, and low DO	50% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
SHREWSBURY				
	Flint Pond	Turbidity and noxious aquatic plants	52% reduction in storm flow	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Jordan Pond	Turbidity	NA	
	Mill Pond	Turbidity	NA	
	Newton Pond	Noxious aquatic plants	NA	
	Shirley Street Pond	Noxious aquatic plants	NA	
	Lake Quinsigamond	Noxious aquatic plants	52% reduction in storm flow	
SPENCER				
	Jones Pond	Low DO, turbidity, nutrients, nuisance aquatic	44% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) &

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING IMPARIMENT	APPROVED TMDL LOAD/WASTE LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
		plants		(iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Sugden Pond	Noxious Plants, organic enrichment/low DO, nutrients, and turbidity	62 % reduction HD residential 63 % reduction LD residential 60 % reduction commercial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
SPRINGFIELD				
	Loon Pond	Noxious Plants, organic enrichment/low DO, nutrients, and turbidity	13 % reduction HD residential and commericial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Mona Lake	Noxious Plants, organic enrichment/low DO, nutrients, and turbidity	60 % reduction HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Long Pond	Noxious Plants, organic enrichment/low DO, nutrients, and turbidity	60 % reduction HD residential and commerica;	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
STOW				

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING IMPARIMENT	APPROVED TMDL LOAD/WASTE LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
	Lake Boon	Noxious aquatic plants	45% reduction in wet weather runoff	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
STURBRIDGE				
	Quacumquasit Pond	Nutrients, metals, noxious aquatic plants	5% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
TEMPLETON				
	Brazell Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	80% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Greenwood Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	87% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)
	Depot Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	64% reduction for HD residential	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING IMPARIMENT	APPROVED TMDL LOAD/WASTE LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
				Part 2.4.7.1(a)(i)
	Bourn-Hadley Pond	Low DO, turbidity, nutrients, nuisance aquatic plants	75% reduction for HD residential, commercial & industrial	Part 2.2.1(d) Part 2.4.2.1 (c)(i)(ii) & (iv) Part 2.4.4 Part 2.4.7.1(a)(i)

TABLE G-2 – LONG ISLAND SOUND - NITROGEN TMDL (CONNECTICUT, HOUSATONIC AND THAMES RIVER WATERSHEDS)

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
AGAWAM	Long Island Sound	Nitrogen contributing to hypoxia[6]	10 % reduction from existing levels[7]	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
BELCHERTOWN	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
BRIMFIELD	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
BROOKFIELD	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
CHARLTON	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
CHICOPEE	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii),

[6] Hypoxia – generally defined as levels of dissolved oxygen of 3 mg/l or less
[7] Existing levels are those levels at the time of TMDL development.

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
				& (iv) Part 2.4.7.1(a)(i)
DALTON	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
DUDLEY	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
EAST HAMPTON	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
E. LONGMEADOW	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
HADLEY	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
HAMPTON	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
HATFIELD	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii),

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
				& (iv) Part 2.4.7.1(a)(i)
HOLYOKE	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
LANESBOROUGH	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
LEICESTER	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
LENOX	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
LONGMEADOW	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
NORTHAMPTON	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
OXFORD	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii),

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
				& (iv) Part 2.4.7.1(a)(i)
PITTSFIELD	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
SOUTH HAMPTON	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
SOUTH HADLEY	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
SOUTHBRRIDGE	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
SPRINGFIELD	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
STURBRIDGE	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
WEBSTER	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii),

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
				& (iv) Part 2.4.7.1(a)(i)
WEST HAMPTON	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)
WEST SPRINGFIELD	Long Island Sound	Nitrogen contributing to hypoxia	10 % reduction from existing levels	Part 2.2.1(e) Part 2.4.2.1.1(c)(i),(ii), & (iv) Part 2.4.7.1(a)(i)

TABLE G – 3 – SHAWSHEEN RIVER BASIN - PATHOGENS

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
ANDOVER	Shawsheen River Basin	Fecal Coliform, Pathogens	Fecal coliform geometric mean < 200 cfu/100 ml; 10 percent < 400 cfu/100 ml	Part 2.2.1(f) Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
BEDFORD	Shawsheen River Basin	Fecal Coliform, Pathogens	Fecal coliform geometric mean < 200 cfu/100 ml; 10 percent < 400 cfu/100 ml	Part 2.2.1(f) Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
BILLERICA	Shawsheen River Basin	Fecal Coliform, Pathogens	Fecal coliform geometric mean < 200 cfu/100 ml; 10 percent < 400 cfu/100 ml	Part 2.2.1(f) Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
BURLINGTON	Shawsheen River Basin	Fecal Coliform, Pathogens	Fecal coliform geometric mean < 200 cfu/100 ml; 10 percent < 400 cfu/100 ml	Part 2.2.1(f) Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
CONCORD	Shawsheen River Basin	Fecal Coliform, Pathogens	Fecal coliform geometric mean < 200 cfu/100 ml; 10 percent < 400 cfu/100 ml	Part 2.2.1(f) Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
LAWRENCE	Shawsheen River Basin	Fecal Coliform, Pathogens	Fecal coliform geometric mean < 200 cfu/100 ml; 10 percent < 400 cfu/100 ml	Part 2.2.1(f) Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
TEWKSBURY	Shawsheen River Basin	Fecal Coliform, Pathogens	Fecal coliform geometric mean < 200 cfu/100 ml; 10 percent < 400 cfu/100 ml	Part 2.2.1(f) Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)

TABLE G -4 CAPE COD WATERSHED/BUZZARDS BAY WATERSHED – NUTRIENTS/NITROGEN [8]and PATHOGENS[9]

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
ACUSHNET				
	Acushnet River	Pathogens	E.Coli ≤ geometric mean 126 colonies/100ml; single sample ≤ 235 colonies/100 ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
BARNSTABLE				
	Popponesset Bay Three Bays System Centerville River/ East Bay	Nutrients	Negligible[10]	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.7.1(a)(i)
	Barnstable Harbor Bumps River Hyannis Harbour Maraspin Creek Shoestring Bay Mill Creek	Pathogens	Fecal coliform ≤ geometric mean (MPN[11]) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
	Centerville River/East Bay	Nitrogen and Pathogens	Fecal coliform ≤ geometric mean (MPN) of	Part 2.2.1(g) Part

[8] Popponsesset Bay, Three Bays System, Centerville River-East Bay, Phinneys Harbor Embayment System, Pleasant Bay System, Little Pond, Great, Green, and Bournes Pond, West Falmouth Harbor, Waquoit Bay System, Oyster Pond Embayment, and White Island Pond
[9] Frost Fish Creek, Muddy Creek, South Coastal Watershed-Little Harbor, Waquoit Bay System, Cape Cod Watershed, Buzzards Bay, Three Bays System, and Mount Hope Bay
[10] Negligible in this instance means that when compared to the overall load of nitrogen for the segment, the load from the MS4 is generally less than 2 percent.
[11] Most Probable Number

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
			14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml Negligible for nitrogen	2.4.2.1(c)(i),(ii),&(iv) Part 2.4.4 Part 2.4.7.1(a)(i)&(ii)
BOURNE				
	Phinneys Harbor Embayment System	Nutrients and Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml Negligible for nitrogen/nutrients	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.4 Part 2.4.7.1(a)(i)&(ii)
	Buttermilk Bay Cape Cod Canal Eel River Back River Pocassett Harbor Red Brook Harbor	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
BREWSTER				
	Pleasant Bay System	Nutrients	Negligible	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.7.1(a)(i)
	Quivett Creek Namskaket Creek	Pathogens	Fecal coliform ≤ geometric mean (MPN) of	Part 2.4.2.1(c)(i) Part 2.4.4

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
			14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.7.1(a)(ii)
CHATHAM				
	Frost Fish Creek Stage Harbor Mill Creek Taylors Pond Harding Beach Pond Bucks Creek Oyster Pond Oyster Pond River Ryders Cove	Fecal Coliform	Fecal Coliform – geometric mean ≤ 14 cfu/100 ml, nor shall 10% of samples be ≥ 28 organisms per 100 ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
	Muddy Creek	Fecal Coliform and Pathogens	Fecal Coliform – geometric mean ≤ 14 cfu/100 ml; 10 % ≤ 28 cfu/100 ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
	Pleasant Bay System	Nutrients	Negligible	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.7.1(a)(i)
COHASSET				
	Little Harbor	Fecal Coliform	14 per 100 ml, and not more than 10 percent of the samples shall exceed an MPN of 28 MPN per 100 ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
DENNIS				
	Quivett Creek Bass River Sesuit Creek Swan Pound River Chase Garden Creek	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
DARTMOUTH				
	Slocums River Clark Cove Apponagansett Bay Buzzards Bay	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
EASTHAM				
	Boat Meadow River Rock Harbor Creek Town Cove	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
FAIRHAVEN				
	New Bedford Harbor Little Bay Buzzards Bay	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
FALL RIVER				
	Mt. Hope Bay	Pathogens	Fecal coliform ≤ geometric mean (MPN) of	Part 2.4.2.1.1(c)(i) Part 2.4.4

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
			14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.7.1(a)(ii)
FALMOUTH				
	Little Pond Oyster Pond Embayment System	Nitrogen	Negligible	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.7.1(a)(i)
	Green Pond Bournes Pond West Falmouth Harbor	Nutrients	Negligible	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.7.1(a)(i)
	Great Pond Waquoit Bay System	Nutrients and Organic Enrichment/ Low DO and Pathogen	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml Negligible	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.4 Part 2.4.7.1(a)(i)&2)
	Falmouth Inner Harbor Great Harbor Little Harbor Quashnet River Perch Pond Hamblin Pond Herring Brook Harbor Head Wild Harbor	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
	W. Falmouth Harbor Great Sippewisset Creek Little Sippewisset Marsh Quissett Harbor			
HARWICH				
	Muddy Creek Herring River Saquatucket Harbor	Fecal Coliform and pathogens	Fecal Coliform – geometric mean ≤ 14 cfu/100 ml; 10 % ≤ 43 cfu/100 ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
	Pleasant Bay System	Nutrients	Negligible	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.7.1(a)(i)
MASHPEE				
	Waquoit Bay System	Nutrients & Organic Enrichment/ Low DO and pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml Negligible for nutritents	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.4 Part 2.4.7.1(a)(i)&(ii)
	Three Bays System Popponesset Bay	Nutrients	Negligible	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.7.1(a)(i)
	Shoestring Bay Mashpee River	Pathogens	Fecal coliform ≤ geometric mean (MPN) of	Part 2.4.2.1.1(c)(i) Part 2.4.4

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
	Poponesset Creek Hamblin Pond Little River Phinney Harbor		14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.7.1(a)(ii)
MARION				
	Hammett Cove Sippican Harbor Aucoot Cove Sippican River Weweantic River	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
MATTAPOISETT				
	Mattapoisett Harbor Mattapoisett River Aucoot Cove Heller Cove Eel Pond	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
NEW BEDFORD				
	Buzzards Bay New Bedford Harbor Outer New Bedford Harbor Clark Cove Apponagansett Bay	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
ORLEANS				
	Pleasant Bay System	Nutrients	Negligible	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv)

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
				Part 2.4.7.1(a)(i)
	Town Cove Rock Harbor Creek Namskaket Creek	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
PLYMOUTH				
	White Island Pond	Nutrients, organic enrichment, low DO and noxious aquatic plants	NA	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.7.1(a)(i)
SANDWICH				
	Three Bays System Phinneys Harbor Embayment System	Nutrients	Negligible	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.7.1(a)(i)
	Scorton Creek Cape Cod Canal	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1(c)(i) Part 2.4.4 Part 2.4.7.1(a) (ii)
SEEKONK				
	Runnins River	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
SOMERSET				
	Lee River Mount Hope Bay	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
SWANSEA				
	Bay/Palmer River	Fecal Coliform, Pathogens, Nutrients	Fecal coliform geometric mean < 200 cfu/100 ml; 10 percent < 400 cfu/100 ml	Part 2.2.1(g) Part 2.4.2.1.(c)(i),(ii),&(iv) Part 2.4.4 Part 2.4.7.1(a)(i)&(ii)
Narragansett	Warren River Pond Lee River Cole River Mt. Hope Bay	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
WAREHAM				
	Onset Bay Buttermilk Bay Sippican River Beaverdam Creek Agawam River Wankinco River Broad Marsh River Crooked River Cedar Island River	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)

MUNICIPALITY	RECEIVING WATER	POLLUTANT CAUSING THE IMPAIRMENT	APPROVED TMDL LOAD ALLOCATION	TMDL PERMIT REQUIREMENTS
	Wareham River			
	White Island Pond	Nutrients, organic enrichment, low DO, noxious aquatic plants	NA	Part 2.2.1(g) Part 2.4.2.1(c)(i),(ii),&(iv) Part 2.4.7.1(a)(i)
WESTPORT				
	East Branch Westport River Shell Creek West Branch Westport River Westport River Bread and Cheese Brook Weweantic River	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)
YARMOUTH				
	Bass River Chase Garden Creek Lewis Bay Mill Creek Parkers Run	Pathogens	Fecal coliform ≤ geometric mean (MPN) of 14 organisms/100 ml nor shall 10%of the samples be ≥ 28 organisms/100ml	Part 2.4.2.1(c)(i) Part 2.4.4 Part 2.4.7.1(a)(ii)