

Attachment B: City of Worcester’s Receiving Waters – Impairments and TMDL Status

Receiving Water	Category ^a	Pollutant(s) of Concern for which TMDL is required or approved ^b	TMDL Status (Draft or Final/Approved by EPA)	TMDL WLA Applicable to sources that contribute to MS4 Discharges ^c	TMDL LA Applicable to sources that contribute to MS4 Discharges ^c	BMPs Supporting Achievement of WLA and the TMDL
Beaver Brook	Category 5	3	Draft Pathogen			
Blackstone River	Category 5	3 – 6, 8 – 11	Draft Pathogen			
Broad Meadow Brook	Unassessed					
Burncoat Brook	Category 5	2, 11				
Coal Mine Brook	Unassessed					
Coes Pond	Unassessed					
Curtis Pond North	Category 4c	2	Final/Approved Phosphorus	5% reduction in TP commercial and industrial land use	5% reduction in TP residential and open land use	Permit Parts I.E.2.(c), I.E.6.(c), I.E.6.(h)(1), I.E.6.(i), and I.F.4.(b)
Curtis Pond South	Category 5	1,2		7% reduction in TP commercial and industrial land use	7% Reduction in TP residential and open land use	
Fitzgerald Brook	Unassessed					
Green Hill Pond	Category 4a	11	Final/Approved Phosphorus		38% reduction in TP from golf course and open land	Permit Part I.E.3.(d)
Indian Lake	Category 4a	2,9	Final/Approved Phosphorus	46% TP reduction in watershed export		Permit Parts I.E.2.(c), I.E.6.(c), I.E.6.(h)(1), I.E.6.(i), I.E.6.(n), I.E.7., I.F.4.(b) , I.F.7.(a)(3), I.F.7.(b)
Kendrick Brook	Unassessed					
Kettle Brook	Category 5	3,8,9	Draft Pathogen			
Lake Quinsigamond & Flint Pond	Category 4c	2	Final/Approved Phosphorus	52% reduction in available P from storm flow		Permit Parts I.E.2.(c), I.E.6.(c), I.E.6.(h)(1), I.E.6.(i), I.E.6.(l), I.E.7., I.F.4.(b), I.F.7.(a)(1), I.F.7.(b)

Leesville Pond	Category 4c	8,9	Final/Approved Phosphorus	50% Reduction in TP from H.D. residential, commercial, and industrial land uses	50% Reduction in TP from L.D. residential, and open land uses	Permit Parts I.E.2.(c), I.E.6.(c), I.E.6.(h)(1), I.E.6.(i), I.F.4.(b)
Middle River	Category 5	3,5,8,9,11,12	Draft Pathogen			
Mill Brook Tributary	Category 5	3-6, 8-11,13,14	Draft Pathogen			
Tatnuck Brook	Category 5	11				
Patch Reservoir	Category 2					
Poor Farm Brook	Category 3					
Salisbury Pond	Category 5	2,11,14	Final/Approved Phosphorus	Reduction in TP Twin Culvert: - 70% from sewage - 20% from runoff Drain #4: - 17% from runoff		Permit Parts I.E.2.(c), I.E.5., I.E.6.(c), I.E.6.(h)(1), I.E.6.(i), I.E.6.(m), I.E.7., I.F.4.(b) , I.F.7.(a)(2), I.F.7.(b)
Smiths Pond	Unassessed					
Weasel Brook	Unassessed					
Williams Millpond	Unassessed					

^a Categories of Massachusetts Waters published in *Massachusetts Year 2006 Integrated List of Waters*:

- Category 2 – Attaining some uses; other uses not assessed
- Category 3 – Insufficient information to make assessments for any use
- Category 4a – TMDL is completed
- Category 4c – Impairment not caused by a pollutant
- Category 5 – Impaired or threatened for one or more uses and requiring a TMDL
- Unassessed – Waters that have never been assessed by MassDEP

^b Pollutants of Concern:

- 1 Siltation, 2 Noxious aquatic plants, 3 Pathogens, 4 Priority organics, 5 Metals, 6 Unionized Ammonia, 7 Chlorine, 8 Nutrients, 9 Organic enrichment/Low Dissolved Oxygen (DO), 10 Suspended Solids, 11 Turbidity, 12 pH, 13 Oil and grease, 14 Taste, odor and color

^c Indicates the percent reduction target or goal identified in the TMDL document for sources of total phosphorus (TP) or available phosphorus (P) contributing to the MS4. This percent reduction is provided as information for the Permittee to consider as it develops and implements its SWMP and monitoring programs.