

TMDL COMPLIANCE SUMMARY - LOWER FOX RIVER (DOWN STREAM) March 2018

TMDL TARGETS TSS: 72% TP: 40%

EXISTING CONDITIONS (2014) TSS: 29% TP: 20%

BENCHMARK	DESCRIPTION OF MEASURE	IMPLEMENTATION DATE	MEASURE TREATMENT PERFORMANCE		COMMULATIVE PERCENTAGE CONTROL	
			TSS TONS / YR	TP LBS / YR	TSS %	TP %
1a	Internal Trading from Apple Creek	2014	69	333	41%	26%
1b	Internal Trading from Garners Creek	2014	27			
2	Expanded Street Cleaning	2016	17	74	43%	27%
3	Wet Detention Leona St	2019	17	80	45%	29%
4	Enhanced Settling for Phosphorus (7 Ponds)	2025-2063	25	346	48%	36%
5	62-HSD's	2065	5	31	49%	37%
6	Biofiltration/Porous Pavement	2068	32	87	53%	39%
7	Bellaire Ravine/Porous Pavement	2078	80	406	*63%	47%

*Per the 2014 city-wide stormwater management plan, no technology is available to meet the TMDL target.

TMDL COMPLIANCE SUMMARY - LOWER FOX RIVER (UP STREAM OF DAM) March 2018

TMDL TARGETS TSS: 72% TP: 40%

EXISTING CONDITIONS (2014) TSS: 18% TP: 11%

BENCHMARK	DESCRIPTION OF MEASURE	IMPLEMENTATION DATE	MEASURE TREATMENT PERFORMANCE		COMMULATIVE PERCENTAGE CONTROL	
			TSS TONS / YR	TP LBS / YR	TSS %	TP %
1	Expanded Street Cleaning	2016	6	27	21%	13%
2	Wet Detention (2 Ponds)	2019-2053	17	73	28%	18%
3	Enhanced Settling for Phosphours (2 Ponds)	2058	25	162	38%	29%
4	34-HSD's	2063	2	13	39%	30%
5	Bopfiltration Porous Pavment	2068	12	42	*44%	*33%

*Per the 2014 city-wide stormwater management plan, no technology is available to meet the TMDL target.

BENCHMARK	DESCRIPTION OF MEASURE	IMPLEMENTATION DATE	MEASURE TREATMENT PERFORMANCE		COMMULATIVE PERCENTAGE CONTROL	
			TSS TONS / YR	TP LBS / YR	TSS %	TP %
1	Expanded Street Cleaning	2016	3	14	23%	15%
2	Wet Dentention - Northland Ave	2018	10	51	29%	21%
3	Enhanced Setting for Phosphours (3 Ponds)	2058	4	46	31%	26%
4	(7) HSD's	2063	1	2	32%	27%
5	Biofiltration / Porous Pavement	2068	29	86	49%	*36%

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BENCHMARK	DESCRIPTION OF MEASURE	IMPLEMENTATION DATE	MEASURE TREATMENT PERFORMANCE		COMMULATIVE PERCENTAGE CONTROL	
			TSS TONS / YR	TP LBS / YR	TSS %	TP %
1	Enhanced Settling for Phosphorus (1 Pond)	2028	11	190	85%	78%

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