Appendix E – TMDL Credit Threshold and Interim Floor Values

Last Revised: March 2026

For most TMDLs, the watershed modeling was conducted using the SWAT model. The WDNR translated the load allocations derived using the SWAT watershed modeling into edge of field targets and credit thresholds for water quality trading consistent with the SnapPlus nutrient management modeling software. This analysis has been conducted for the Upper Fox-Wolf Basin TMDL, the Lower Fox Basin TMDL, and the Wisconsin River Basin TMDL. Details on the analysis and results can be found in Appendices N and O of the Wisconsin River Basin TMDL and Appendices J and K of the Upper Fox -Wolf Basin TMDL. Due to how watershed modeling was conducted in other TMDLs, such as the Rock River Basin TMDL and Milwaukee River Basin TMDLs, the WDNR has not been able to complete this translations analysis; however, steps are being pursued to attempt and produce similar work products for these TMDLs. As information becomes available for other TMDLs, updates will be made to Appendix E.

> Note: The main challenge is that the Milwaukee River Basin TMDL was developed using a different modeling platform that does not integrate with SnapPlus.

Overview of Soil Conservation Practices selected by WDNR within SnapPlus to establish interim floor values with TMDL areas (i.e., Lower Fox, Upper Fox/Wolf and Wisconsin River Basins)

The WDNR examined the feasibility of attaining the credit threshold by examining two conservation scenarios. In cases where the credit threshold was difficult to reach, an interim floor has been established to make the generation of water quality trading credits more feasible. This was only done for TP because the TSS Credit Threshold can more easily be reached. To calculate the interim floor, the WDNR examined the three most typical crop rotations used within TMDL areas: Dairy, Cash Grain, and Potato/Vegetable. These crop rotations were analyzed under a combination of different tillage and nutrient application sources, including timing, rates, and methods. The results from this analysis were compared to the baseline TMDL assumptions and resulting credit threshold to set the interim floor.

Table 1 summarizes the categories that were examined under the three scenarios:

> Baseline TMDL Scenario: This corresponds to the baseline agricultural assumptions used to develop the TMDL. Specific details about individual baselines can be found in the respective TMDLs.
>
> Conservation Scenario 1: This scenario implements the management measures listed in Table 1.
>
> Conservation Scenario 2: This scenario implements the management practices of Scenario1 with the additional establishment and maintenance of a grass filter strip / buffer strip.

Other combinations of management practices may be sufficient to meet the credit threshold or interim floor. The analysis performed by the WDNR and the practices listed in Table E1 are not meant to be an all-inclusive examination of potential management practices.

TABLE E1: SUMMARY OF BASELINE AND CONSERVATION SCENARIOS

Category	Baseline TMDL practice	Conservation Scenario 1	Conservation Scenario 2
Tillage	Moldboard, chisel + disc, disc, strip or no-till	Dairy and Cash Grain: No till used on all years of crop rotation. Potato and Vegetable include spring cultivation.	Same as #1
Cover Crops	None	Dairy rotation: Winter Rye after corn silage - 2 out of 3 yrs. Cash Grain: small grain cover crop after harvest - 3 out of 6 yrs. Potato/Vegetable: small grain after potato harvest - 1 out of 2 yrs.	Same as #1 Same as #1 Same as #1
Contour Farming	None	Field farmed on contour	Same as #1
Fertilizer Application	Spring or In-Season application	Same as baseline	Same as baseline
Solid Manure Application: method, rate, and timing	Spring or Fall+ Winter application; surface applied or incorporated	No winter application; same baseline timing and rate. No manure incorporation, only surface applied	Same as #1
Liquid Manure Application: method, rate, and timing	Spring or Fall + Winter application; surface applied or incorporated	No winter application; same baseline timing and rate; all liquid manure injected, no surface or incorporation	Same as #1
Dairy Rotation - Forage	Alfalfa: Spring seeding + 3 more alfalfa yrs.	Alfalfa-Grass - Fall or Spring seeding + 3 more alfalfa-grass yrs.	Same as #1
Edge of Field Filter Strip	None	None	Edge of Field Filter Strip established and maintained over crop rotation

The results of the analysis examining the conservation scenarios and the calculation of rounded credit thresholds and interim floors are summarized in the following tables:

Table E2. Lower Fox River Basin TMDL TP Summarized by TMDL Subbasin
Table E3. Lower Fox River Basin TMDL TSS Summarized by TMDL Subbasin
Table E4. Upper Fox and Wolf Basin TMDL TP Summarized by TMDL Subbasin
Table E5. Upper Fox and Wolf Basin TMDL TSS Summarized by TMDL Subbasin
Table E6. Wisconsin River Basin TMDL TP Summarized by TMDL Subbasin

Table E7. Northeast Lakeshore TMDL TP Summarized by TMDL Subbasin (Kewaunee)
Table E8. Northeast Lakeshore TMDL TP Summarized by TMDL Subbasin (Manitowoc)
Table E9. Northeast Lakeshore TMDL TP Summarized by TMDL Subbasin (Sheboygan)
Table E10. Northeast Lakeshore TMDL TSS Summarized by TMDL Subbasin (Kewaunee)
Table E11. Northeast Lakeshore TMDL TSS Summarized by TMDL Subbasin (Manitowoc)
Table E12. Northeast Lakeshore TMDL TSS Summarized by TMDL Subbasin (Sheboygan)
Table E13. Milwaukee River TMDL TP Summarized by TMDL Subbasin
Table E14. Milwaukee River TMDL TSS Summarized by TMDL Subbasin

The table column headings for the tables are defined below. Some tables do not have all of the columns. TMDL Subbasin or Model Subwatershed: Is either the numeric identification or name of the TMDL subbasin or model subwatershed. Mapping for the subbasins and subwatersheds can be found in the TMDL reports and the Watershed Restoration Viewer (https://dnr.wi.gov/topic/SurfaceWater/RestorationViewer/).

Baseline TP Loss: Is the TMDL baseline scenario for total phosphorus expressed as a field target consistent with the SnapPlus model. This is accomplished through a translation of the SWAT watershed model inputs into SnapPlus. This corresponds to the baseline agricultural assumptions used to develop the TMDL. Specific details about individual baselines can be found in the respective TMDLs.

Baseline TSS Loss: Is the TMDL baseline scenario for TSS/sediment expressed as an edge of field target consistent with the SnapPlus and RUSLE2 models. This is accomplished through a translation of the SWAT watershed model inputs into SnapPlus and RUSLE2. This corresponds to the baseline agricultural assumptions used to develop the TMDL. Specific details about individual baselines can be found in the respective TMDLs.

TMDL % Reduction: Is the percent reduction calculated by the TMDL analysis for the agricultural nonpoint sources.

TP Credit Threshold: Is calculated by applying the TMDL % Reduction to the Baseline TP Loss. This represents a translation of the watershed scale load allocation to an edge of field target consistent with SnapPlus.

TSS Credit Threshold: Is calculated by applying the TMDL % Reduction to the Baseline TSS Loss. This represents a translation of the watershed scale load allocation to an edge of field target consistent with SnapPlus and RUSLE2.

Rounded TP Credit Threshold: Is calculated by rounding the TMDL Agricultural TP Target to the nearest half pound as follows (both expressed in lb./ac/yr.):

TMDL Agricultural TP Target	Rounded TP Credit Threshold
0.01 to 0.59	0.5
0.60 to 1.09	1.0
1.10 to 1.59	1.5
Greater than 1.59	No Rounding

When selecting the credit threshold to use, the highest value between either Rounded TP Credit Threshold or the TP Credit Threshold can be used. Reductions obtained at or above the TP Credit Threshold or Rounded TP Credit Threshold, whichever is selected, are interim credits.

Conservation Scenario 1: This represents a typical base level of conservation effort. See Table 1 for specific parameters. In wastewater jargon, this represents the equivalent of a technology-based standard.

Interim Floor: If Conservation Scenario 1 is unable to reach the Credit Thresholds listed, the Interim Floor is set equal to Conservation Scenario 1 and represents the level that must be reached to generate interim credits. Reductions achieved between the existing conditions and the Interim floor are eligible for interim credits. A label of "NA" signifies that the Credit Threshold is high enough that practices installed consistent with Conservation Scenario 1 will be sufficient to generate interim and, in some cases, long-term credits.

Conservation Scenario 2: This represents a typical base level of conservation effort with the addition of an edge of field filter strip or buffer strip. See Table 1 for specific parameters. This scenario is meant to evaluate the potential and feasibility for long-term credits; however, it is not meant to be an exhaustive evaluation of options. If Conservation Scenario 2 is not below the credit threshold, addition and other combinations of management practices will need to be evaluated and implemented to generate long-term credits.

TABLE E2: LOWER FOX RIVER BASIN TMDL TP SUMMARIZED BY TMDL SUBBASIN

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
4 - Apple Creek	2.99	78.6%	0.64	1.00	0.63	NA	0.33
5 - Ashwaubenon Creek	2.34	74.0%	0.61	1.00	0.51	NA	0.29
2 - Baird Creek	3.48	80.4%	0.68	1.00	0.68	NA	0.32
3 - Bower Creek	3.63	83.2%	0.61	1.00	0.69	NA	0.32
11 - Duck Creek	3.15	76.9%	0.73	1.00	0.65	NA	0.30
6 - Dutchman Creek	2.89	76.4%	0.68	1.00	0.61	NA	0.31
1 - East River	3.3	83.9%	0.53	0.50	0.62	0.62	0.29
9 - Garners Creek	2.96	63.1%	1.09	1.00	0.68	NA	0.37
8 - Kankapot Creek	2.92	81.8%	0.53	0.50	0.65	0.68	0.34
14 - Lower Fox River (main stem)	2.99	74.2%	0.77	1.00	0.64	NA	0.33
15 - Lower Green Bay	3.01	60.7%	1.18	1.50	0.59	NA	0.28
10 - Mud Creek	2.95	39.0%	1.80	1.80	0.59	NA	0.28
13 - Neenah Slough	3.12	66.7%	1.04	1.00	0.74	NA	0.41
7 - Plum Creek	3.21	86.0%	0.45	0.50	0.66	NA	0.33
12 - Trout Creek	2.23	54.9%	1.01	1.00	0.55	NA	0.30

TABLE E3: LOWER FOX RIVER BASIN TMDL TSS SUMMARIZED BY TMDL SUBBASIN

TMDL Subbasin	Baseline TSS Loss ton/ac/yr	TMDL % Reduction	TSS Credit Threshold ton/ac/yr	Conservation Scenario 1 ton/ac/yr	Conservation Scenario 2 ton/ac/yr
4 - Apple Creek	2.26	56.1%	0.99	0.53	0.11
5 - Ashwaubenon Creek	1.61	39.7%	0.97	0.42	0.09
2 - Baird Creek	2.74	30.4%	1.91	0.67	0.14
3 - Bower Creek	3	67.3%	0.98	0.7	0.14
11 - Duck Creek	2.49	58.6%	1.03	0.58	0.11
6 - Dutchman Creek	2.03	35.8%	1.30	0.51	0.11
1 - East River	2.75	70.6%	0.81	0.69	0.14
9 - Garners Creek	2.42	32.4%	1.64	0.49	0.09
8 - Kankapot Creek	2.16	67.4%	0.70	0.54	0.11
14 - Lower Fox River (main stem)	2.51	61.9%	0.96	0.54	0.1
15 - Lower Green Bay	2.52	47.1%	1.33	0.57	0.11
10 - Mud Creek	2.54	8.8%	2.32	0.5	0.09
13 - Neenah Slough	2.45	43.2%	1.39	0.53	0.1
7 - Plum Creek	2.49	74.6%	0.63	0.62	0.12
12 - Trout Creek	1.74	12.3%	1.53	0.38	0.07

TABLE E4: UPPER FOX AND WOLF BASIN TMDL TP SUMMARIZED BY TMDL SUBBASIN

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
1	1.68	88%	0.20	0.50	0.56	0.56	0.30
2	2.74	79%	0.57	0.50	0.82	0.82	0.37
3	3.41	79%	0.71	1.00	1.01	1.01	0.47
4	2.1	88%	0.25	0.50	0.64	0.64	0.40
5	3.14	74%	0.83	1.00	1.06	1.06	0.51
6	2.31	88%	0.27	0.50	0.78	0.78	0.38
7	2.14	88%	0.25	0.50	0.77	0.77	0.44
8	2.14	83%	0.37	0.50	0.61	0.61	0.29
9	1.9	88%	0.22	0.50	0.56	0.56	0.34
10	1.85	83%	0.32	0.50	0.48	NA	0.23
11	4.29	72%	1.19	1.50	1.30	NA	0.46
12	3.94	83%	0.68	1.00	1.28	1.28	0.57
13	3.24	83%	0.56	0.50	1.10	1.10	0.57
14	2.44	83%	0.42	0.50	0.73	0.73	0.39
15	2.13	83%	0.36	0.50	0.63	0.63	0.39
16	2.26	83%	0.39	0.50	0.65	0.65	0.38
17	4.12	68%	1.31	1.50	1.31	NA	0.63
18	4.24	59%	1.75	1.75	1.28	NA	0.61
19	2.97	45%	1.62	1.62	0.93	NA	0.49
20	3.66	0%	3.66	3.66	1.16	NA	0.54
21	1.21	83%	0.21	0.50	0.34	NA	0.19
22	0.85	83%	0.14	0.50	0.24	NA	0.15
23	1.16	83%	0.20	0.50	0.33	NA	0.21
24	1.51	83%	0.26	0.50	0.47	NA	0.30

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
25	1.98	83%	0.34	0.50	0.67	0.67	0.39
26	1.75	83%	0.30	0.50	0.62	0.62	0.38
27	2.69	83%	0.46	0.50	0.88	0.88	0.50
28	1.6	83%	0.27	0.50	0.66	0.66	0.48
29	1.91	83%	0.33	0.50	0.87	0.87	0.47
30	2.3	83%	0.39	0.50	0.90	0.90	0.50
31	2.07	83%	0.35	0.50	0.85	0.85	0.46
32	2.63	83%	0.45	0.50	1.01	1.01	0.61
33	2.49	83%	0.42	0.50	1.01	1.01	0.63
34	2.62	83%	0.45	0.50	1.11	1.11	0.68
35	2.84	83%	0.48	0.50	0.92	0.92	0.44
36	3.09	83%	0.53	0.50	0.91	0.91	0.51
37	2.74	85%	0.41	0.50	0.94	0.94	0.61
38	2.61	83%	0.45	0.50	0.92	0.92	0.46
39	2.87	83%	0.49	0.50	0.98	0.98	0.45
40	3.64	83%	0.62	1.00	1.13	1.13	0.67
41	3.47	83%	0.59	0.50	1.08	1.08	0.70
42	2.48	83%	0.42	0.50	1.02	1.02	0.74
43	2.85	83%	0.49	0.50	1.12	1.12	0.69
44	3.24	83%	0.55	0.50	1.08	1.08	0.55
45	1.4	83%	0.24	0.50	0.55	0.55	0.40
46	2.36	83%	0.40	0.50	0.89	0.89	0.53
47	1.49	83%	0.25	0.50	0.57	0.57	0.38
48	1.72	83%	0.29	0.50	0.76	0.76	0.55
49	2.6	83%	0.44	0.50	0.73	0.73	0.53

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
50	2.08	83%	0.35	0.50	0.68	0.68	0.45
51	1.86	83%	0.32	0.50	0.71	0.71	0.43
52	2.5	83%	0.43	0.50	0.66	0.66	0.43
53	1.71	83%	0.29	0.50	0.55	0.55	0.42
54	1.92	31%	1.33	1.50	0.70	NA	0.58
55	3.1	83%	0.53	0.50	0.81	0.81	0.49
56	1.78	20%	1.42	1.50	0.56	NA	0.44
57	1.55	32%	1.05	1.00	0.53	NA	0.40
58	2.52	83%	0.43	0.50	0.60	0.60	0.44
59	1.65	83%	0.28	0.50	0.44	NA	0.33
60	2.06	83%	0.35	0.50	0.71	0.71	0.48
61	1.96	83%	0.33	0.50	0.83	0.83	0.59
62	2.2	25%	1.66	1.66	0.88	NA	0.61
63	2.28	83%	0.39	0.50	0.68	0.68	0.39
64	1.8	83%	0.31	0.50	0.80	0.80	0.59
65	1.99	38%	1.23	1.50	0.65	NA	0.24
66	2.06	83%	0.35	0.50	0.54	0.54	0.25
67	1.52	83%	0.26	0.50	0.52	0.52	0.41
68	1.89	83%	0.32	0.50	0.70	0.70	0.50
69	2.11	83%	0.36	0.50	0.69	0.69	0.54
70	1.85	83%	0.31	0.50	0.63	0.63	0.43
71	1.62	83%	0.28	0.50	0.65	0.65	0.47
72	1.55	83%	0.26	0.50	0.71	0.71	0.51
73	2.19	83%	0.37	0.50	0.87	0.87	0.49
74	3.3	83%	0.56	0.50	0.95	0.95	0.51

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
75	2.59	83%	0.44	0.50	1.02	1.02	0.62
76	-	-	-	-	-	-	-
77	3.13	34%	2.07	2.07	0.76	NA	0.58
78	1.85	34%	1.23	1.50	0.57	NA	0.48
79	4.3	80%	0.84	1.00	1.36	1.36	0.64
80	2.77	83%	0.47	0.50	0.69	0.69	0.48
81	2.11	83%	0.36	0.50	0.69	0.69	0.43
82	3.09	69%	0.96	1.00	0.87	NA	0.63
83	4.3	34%	2.83	2.83	1.36	NA	0.64
84	3.24	54%	1.49	1.50	1.10	NA	0.57
85	2	90%	0.20	0.50	0.56	0.56	0.21
86	2.36	55%	1.06	1.00	0.60	NA	0.23
87	3.95	76%	0.94	1.00	1.27	1.27	0.58
88	2.68	83%	0.46	0.50	1.11	1.11	0.87
89	1.97	83%	0.33	0.50	0.68	0.68	0.51

TABLE E5: UPPER FOX AND WOLF BASIN TMDL TSS SUMMARIZED BY TMDL SUBBASIN

TMDL Subbasin	Baseline TSS Loss ton/ac/yr	TMDL % Reduction	TSS Credit Threshold ton/ac/yr	Conservation Scenario 1 ton/ac/yr	Conservation Scenario 2 ton/ac/yr
1	1.71	47%	0.91	0.43	0.07
2	2.72	47%	1.45	0.69	0.11
3	3.29	79%	0.69	0.84	0.13
4	1.80	47%	0.96	0.36	0.06
5	2.64	64%	0.96	0.71	0.10
6	2.33	47%	1.24	0.63	0.09
7	2.16	47%	1.15	0.52	0.08
8	2.30	47%	1.22	0.55	0.09
9	1.94	47%	1.03	0.35	0.06
10	1.96	47%	1.04	0.43	0.07
11	2.92	54%	1.36	0.81	0.10
12	2.56	86%	0.36	0.71	0.10
13	2.32	77%	0.53	0.59	0.09
14	1.97	47%	1.05	0.42	0.07
15	1.87	47%	1.00	0.36	0.06
16	1.78	47%	0.95	0.35	0.05
17	2.73	87%	0.36	0.68	0.10
18	2.83	82%	0.51	0.67	0.10
19	2.15	72%	0.61	0.48	0.08
20	2.44	41%	1.44	0.60	0.09
21	1.29	47%	0.69	0.24	0.04
22	0.92	41%	0.54	0.17	0.03
23	1.20	41%	0.71	0.20	0.03
24	1.53	47%	0.82	0.27	0.05

TMDL Subbasin	Baseline TSS Loss ton/ac/yr	TMDL % Reduction	TSS Credit Threshold ton/ac/yr	Conservation Scenario 1 ton/ac/yr	Conservation Scenario 2 ton/ac/yr
25	1.82	41%	1.07	0.42	0.07
26	1.52	41%	0.89	0.37	0.06
27	2.00	58%	0.84	0.52	0.09
28	1.19	41%	0.70	0.24	0.05
29	1.52	30%	1.07	0.61	0.10
30	1.78	48%	0.92	0.55	0.09
31	1.54	55%	0.69	0.55	0.09
32	1.73	51%	0.84	0.52	0.10
33	1.54	44%	0.86	0.47	0.09
34	1.41	16%	1.19	0.45	0.08
35	2.08	77%	0.47	0.57	0.09
36	2.26	85%	0.35	0.49	0.08
37	1.82	82%	0.32	0.41	0.08
38	1.92	24%	1.45	0.65	0.11
39	2.34	65%	0.81	0.78	0.13
40	2.63	47%	1.39	0.60	0.11
41	2.41	74%	0.62	0.51	0.11
42	1.15	17%	0.95	0.29	0.06
43	1.44	43%	0.81	0.45	0.08
44	2.35	70%	0.70	0.64	0.10
45	0.96	0%	0.96	0.19	0.04
46	1.89	85%	0.29	0.52	0.09
47	1.17	0%	1.17	0.25	0.05
48	1.02	0%	1.02	0.23	0.05
49	2.31	71%	0.68	0.32	0.06
50	1.68	0%	1.68	0.29	0.06

TMDL Subbasin	Baseline TSS Loss ton/ac/yr	TMDL % Reduction	TSS Credit Threshold ton/ac/yr	Conservation Scenario 1 ton/ac/yr	Conservation Scenario 2 ton/ac/yr
51	1.42	66%	0.48	0.40	0.07
52	2.23	80%	0.45	0.32	0.06
53	1.43	35%	0.93	0.18	0.04
54	1.63	35%	1.05	0.18	0.05
55	2.16	35%	1.39	0.32	0.05
56	1.69	35%	1.10	0.18	0.04
57	1.37	35%	0.89	0.18	0.04
58	1.80	35%	1.17	0.19	0.04
59	1.48	35%	0.96	0.16	0.04
60	1.60	42%	0.93	0.31	0.06
61	1.42	89%	0.16	0.35	0.06
62	1.77	52%	0.86	0.44	0.08
63	1.54	35%	0.99	0.30	0.04
64	1.13	35%	0.73	0.26	0.05
65	1.77	35%	1.14	0.50	0.04
66	2.02	35%	1.30	0.43	0.06
67	1.30	35%	0.84	0.17	0.04
68	1.35	35%	0.87	0.23	0.04
69	1.67	35%	1.08	0.21	0.04
70	1.39	74%	0.37	0.26	0.04
71	1.13	35%	0.73	0.24	0.05
72	0.95	0%	0.95	0.25	0.05
73	1.76	0%	1.76	0.54	0.09
74	2.84	0%	2.84	0.62	0.10
75	1.88	0%	1.88	0.52	0.09
76	-	-	-	-	-

TMDL Subbasin	Baseline TSS Loss ton/ac/yr	TMDL % Reduction	TSS Credit Threshold ton/ac/yr	Conservation Scenario 1 ton/ac/yr	Conservation Scenario 2 ton/ac/yr
77	1.94	35%	1.26	0.20	0.05
78	1.41	35%	0.92	0.13	0.04
79	2.84	78%	0.61	0.71	0.10
80	1.98	35%	1.28	0.24	0.04
81	1.50	47%	0.80	0.32	0.05
82	2.53	81%	0.48	0.31	0.06
83	2.84	79%	0.60	0.71	0.10
84	2.32	75%	0.58	0.59	0.09
85	1.79	35%	1.16	0.44	0.05
86	2.38	36%	1.52	0.54	0.08
87	2.65	66%	0.91	0.69	0.09
88	1.38	0%	1.38	0.26	0.06
89	1.64	35%	1.06	0.23	0.05

TABLE E6: WISCONSIN RIVER BASIN TMDL TP SUMMARIZED BY TMDL SUBBASIN

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
1	3.30	63%	1.19	1.50	0.99	NA	0.59
2	3.10	63%	1.14	1.50	0.80	NA	0.54
3	1.20	63%	0.45	0.50	0.37	NA	0.30
4	2.80	63%	1.02	1.00	0.96	NA	0.71
5	1.60	63%	0.58	0.50	0.72	0.72	0.50
6	3.10	63%	1.14	1.50	1.29	1.29	0.85
7	4.50	75%	1.10	1.50	1.32	1.32	0.81
8	1.90	63%	0.68	1.00	0.90	0.90	0.58
9	3.20	75%	0.81	1.00	1.36	1.36	0.85
10	5.20	77%	1.18	1.50	1.56	1.56	0.92
11	3.50	63%	1.28	1.50	1.28	1.28	0.85
12	3.90	78%	0.85	1.00	1.28	1.28	0.83
13	4.30	86%	0.61	1.00	1.53	1.53	0.96
14	3.30	66%	1.12	1.50	1.31	1.31	0.86
15	3.70	86%	0.52	0.50	1.17	1.17	0.77
16	2.90	86%	0.40	0.50	0.81	0.81	0.51
17	3.60	63%	1.32	1.50	0.91	NA	0.55
18	4.70	72%	1.32	1.50	1.61	1.61	0.95
19	3.50	68%	1.10	1.50	0.78	0.00	0.50
20	4.10	78%	0.92	1.00	1.01	1.01	0.54
21	7.80	82%	1.44	1.50	1.32	NA	0.65
22	8.80	64%	3.11	3.11	1.65	NA	0.63
23	4.80	63%	1.77	1.77	0.93	NA	0.53
24	7.20	70%	2.14	2.14	1.35	NA	0.60

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
25	5.70	87%	0.76	1.00	1.04	1.04	0.59
26	4.30	63%	1.56	1.56	0.90	NA	0.53
27	4.70	63%	1.72	1.72	0.93	NA	0.54
28	5.10	64%	1.83	1.83	0.91	NA	0.57
29	-	63%	-	-	-	-	-
30	1.60	69%	0.50	0.50	0.71	0.71	0.49
31	0.70	69%	0.21	0.50	0.39	0.39	0.30
32	1.40	69%	0.45	0.50	0.66	0.66	0.45
33	2.30	69%	0.74	1.00	0.66	NA	0.46
34	1.00	63%	0.36	0.50	0.44	0.44	0.28
35	1.00	63%	0.37	0.50	0.42	0.42	0.25
36	0.60	63%	0.24	0.50	0.24	0.24	0.17
37	1.60	75%	0.41	0.50	0.62	0.62	0.37
38	1.00	63%	0.37	0.50	0.46	0.46	0.36
39	1.50	63%	0.55	0.50	0.64	0.64	0.40
40	1.30	73%	0.36	0.50	0.64	0.64	0.39
41	2.00	90%	0.21	0.50	0.60	0.60	0.36
42	2.80	80%	0.55	0.50	0.63	0.63	0.41
43	2.40	63%	0.88	1.00	0.62	NA	0.34
44	3.50	77%	0.81	1.00	0.75	NA	0.47
45	1.40	63%	0.50	0.50	0.42	NA	0.27
46	1.50	75%	0.37	0.50	0.57	0.57	0.39
47	1.10	71%	0.31	0.50	0.42	0.42	0.31
48	1.60	63%	0.59	0.50	0.51	NA	0.34
49	3.90	73%	1.05	1.00	0.73	NA	0.55

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
50	4.10	72%	1.14	1.50	0.69	NA	0.62
51	2.80	93%	0.20	0.50	0.66	0.66	0.45
52	0.70	63%	0.26	0.50	0.28	0.28	0.21
53	0.60	63%	0.21	0.50	0.27	0.27	0.22
54	1.60	83%	0.28	0.50	0.43	0.43	0.34
55	3.30	75%	0.82	1.00	0.65	NA	0.53
56	3.40	63%	1.25	1.50	0.71	NA	0.42
57	4.10	83%	0.71	1.00	0.80	0.80	0.56
58	3.10	75%	0.77	1.00	0.63	NA	0.44
59	0.70	63%	0.24	0.50	0.22	NA	0.16
60	0.30	63%	0.11	0.50	0.14	0.14	0.12
61	0.20	63%	0.08	0.50	0.12	0.12	0.10
62	1.80	63%	0.65	1.00	0.66	0.66	0.45
63	2.30	63%	0.83	1.00	0.71	NA	0.49
64	1.70	79%	0.35	0.50	0.64	0.64	0.45
65	1.90	90%	0.19	0.50	0.69	0.69	0.49
66	1.90	89%	0.22	0.50	0.68	0.68	0.55
67	1.70	88%	0.21	0.50	0.64	0.64	0.46
68	2.10	84%	0.33	0.50	0.72	0.72	0.56
69	2.50	85%	0.36	0.50	0.77	0.77	0.55
70	2.40	85%	0.35	0.50	0.77	0.77	0.56
71	3.50	70%	1.04	1.00	0.91	NA	0.55
72	1.80	93%	0.13	0.50	0.67	0.67	0.52
73	0.40	63%	0.15	0.50	0.11	NA	0.08
74	0.50	63%	0.18	0.50	0.15	NA	0.11

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
75	0.80	63%	0.30	0.50	0.21	NA	0.14
76	0.80	63%	0.30	0.50	0.19	NA	0.10
77	1.30	63%	0.47	0.50	0.41	NA	0.28
78	1.60	63%	0.58	0.50	0.71	0.71	0.63
79	2.00	63%	0.74	1.00	0.62	NA	0.42
80	1.80	63%	0.65	1.00	0.65	NA	0.52
81	1.30	63%	0.48	0.50	0.39	NA	0.29
82	1.80	75%	0.46	0.50	0.66	0.66	0.51
83	3.40	71%	0.99	1.00	0.83	NA	0.51
84	2.60	77%	0.59	0.50	0.75	0.75	0.53
85	2.80	75%	0.68	1.00	0.79	0.79	0.56
86	2.00	63%	0.74	1.00	0.47	NA	0.26
87	3.40	84%	0.56	0.50	0.74	0.74	0.45
88	3.60	84%	0.58	0.50	0.79	0.79	0.47
89	3.80	84%	0.61	1.00	0.82	0.82	0.46
90	3.10	84%	0.51	0.50	0.80	0.80	0.56
91	3.30	84%	0.54	0.50	0.82	0.82	0.53
92	3.30	84%	0.54	0.50	0.83	0.83	0.60
93	3.00	84%	0.48	0.50	0.82	0.82	0.64
94	3.00	84%	0.49	0.50	0.80	0.80	0.59
95	2.80	86%	0.38	0.50	0.84	0.84	0.71
96	2.90	84%	0.47	0.50	0.79	0.79	0.55
97	2.80	84%	0.45	0.50	0.79	0.79	0.57
98	2.40	84%	0.39	0.50	0.66	0.66	0.48
99	2.70	84%	0.45	0.50	0.76	0.76	0.55

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
100	2.00	84%	0.33	0.50	0.53	0.53	0.35
101	3.10	63%	1.12	1.50	0.74	NA	0.47
102	3.40	67%	1.10	1.50	0.83	NA	0.59
103	3.10	67%	1.00	1.00	0.80	NA	0.61
104	2.60	63%	0.95	1.00	0.71	NA	0.49
105	3.20	68%	1.03	1.00	0.81	NA	0.59
106	3.40	63%	1.24	1.50	0.82	NA	0.55
107	2.50	63%	0.91	1.00	0.71	NA	0.50
108	2.80	63%	1.03	1.00	1.10	1.10	0.97
109	2.10	63%	0.78	1.00	0.52	NA	0.49
110	2.00	63%	0.75	1.00	0.52	NA	0.50
111	2.20	63%	0.79	1.00	0.48	NA	0.38
112	-	63%	-	-	-	-	-
113	5.60	63%	2.04	2.04	1.19	NA	0.76
114	2.80	63%	1.03	1.00	0.89	NA	0.81
115	-	63%	-	-	-	-	-
116	2.50	63%	0.91	1.00	0.78	NA	0.76
117	2.20	63%	0.79	1.00	0.86	0.86	0.84
118	2.40	63%	0.87	1.00	0.87	NA	0.84
119	-	63%	-	-	-	-	-
120	-	63%	-	-	-	-	-
121	-	63%	-	-	-	-	-
122	1.80	63%	0.64	1.00	0.44	NA	0.43
123	-	63%	-	-	-	-	-
124	1.90	63%	0.71	1.00	0.38	NA	0.24

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
125	2.40	63%	0.88	1.00	0.85	NA	0.74
126	0.60	63%	0.22	0.50	0.14	NA	0.13
127	0.30	63%	0.11	0.50	0.13	0.13	0.13
128	-	63%	-	-	-	-	-
129	-	63%	-	-	-	-	-
130	1.80	63%	0.65	1.00	0.17	NA	0.15
131	-	63%	-	-	-	-	-
132	-	63%	-	-	-	-	-
133	-	56%	-	-	-	-	-
134	-	56%	-	-	-	-	-
135	-	56%	-	-	-	-	-
136	-	63%	-	-	-	-	-
137	1.40	63%	0.52	0.50	0.78	0.78	0.52
138	8.30	81%	1.57	1.57	1.51	NA	0.66
139	-	63%	-	-	-	-	-
140	0.10	63%	0.04	0.50	0.03	NA	0.02
141	1.10	63%	0.42	0.50	0.31	NA	0.19
142	1.10	63%	0.42	0.50	0.32	NA	0.21
143	0.30	63%	0.10	0.50	0.10	NA	0.08
144	0.80	63%	0.28	0.50	0.23	NA	0.15
145	0.70	63%	0.25	0.50	0.22	NA	0.17
146	1.80	63%	0.64	1.00	0.69	0.69	0.60
147	2.00	76%	0.47	0.50	0.73	0.73	0.55
148	0.70	63%	0.25	0.50	0.21	NA	0.17
149	1.30	63%	0.47	0.50	0.35	NA	0.26

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
150	2.50	69%	0.76	1.00	0.72	NA	0.50
151	3.70	84%	0.61	1.00	0.83	0.83	0.50
152	3.00	84%	0.48	0.50	0.81	0.81	0.61
153	1.60	63%	0.60	1.00	0.45	NA	0.32
154	3.30	63%	1.21	1.50	0.72	NA	0.45
155	2.70	63%	0.99	1.00	0.67	NA	0.50
156	3.20	63%	1.16	1.50	0.68	NA	0.49
157	3.50	63%	1.30	1.50	0.82	NA	0.53
158	2.90	63%	1.08	1.00	0.60	NA	0.38
159	2.80	63%	1.02	1.00	0.53	NA	0.33
160	1.80	63%	0.66	1.00	0.27	NA	0.14
161	1.50	64%	0.53	0.50	0.28	NA	0.19
162	3.40	63%	1.24	1.50	0.63	NA	0.57
163	2.80	63%	1.02	1.00	0.39	NA	0.18
164	0.90	63%	0.31	0.50	0.14	NA	0.11
165	3.50	63%	1.27	1.50	0.96	NA	0.81
166	1.70	63%	0.61	1.00	0.70	0.70	0.69
167	1.80	63%	0.66	1.00	0.33	NA	0.19
168	-	56%	-	-	-	-	-
169	0.23	63%	0.09	0.50	0.13	0.13	0.12
170	3.49	63%	1.28	1.50	1.18	NA	0.73
171	3.89	63%	1.42	1.50	1.04	NA	0.60
172	3.43	63%	1.26	1.50	0.90	NA	0.57
173	2.77	63%	1.02	1.00	0.75	NA	0.48
174	2.54	63%	0.93	1.00	0.68	NA	0.45

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
175	4.65	63%	1.70	1.70	1.12	NA	0.62
176	4.92	63%	1.80	1.80	1.12	NA	0.68
177	3.60	63%	1.32	1.50	0.84	NA	0.59
178	4.58	63%	1.68	1.68	1.02	NA	0.64
179	2.40	63%	0.88	1.00	1.07	1.07	0.65
180	2.87	63%	1.05	1.00	1.05	NA	0.65
181	3.91	80%	0.80	1.00	1.26	1.26	0.82
182	2.58	79%	0.54	0.50	0.90	0.90	0.66
183	2.00	83%	0.33	0.50	0.77	0.77	0.64
184	2.64	63%	0.96	1.00	0.94	NA	0.61
185	3.47	63%	1.27	1.50	1.07	NA	0.68
186	2.79	63%	1.02	1.00	1.18	1.18	0.73
187	3.53	63%	1.29	1.50	0.85	NA	0.49
188	8.20	77%	1.86	1.86	1.87	1.87	0.65
189	4.22	75%	1.05	1.00	0.78	NA	0.60
190	1.29	63%	0.47	0.50	0.63	0.63	0.46
191	1.01	63%	0.37	0.50	0.32	NA	0.21
192	1.17	63%	0.43	0.50	0.32	NA	0.20
193	0.99	63%	0.36	0.50	0.25	NA	0.15
194	2.62	63%	0.96	1.00	0.65	NA	0.33
195	1.03	63%	0.38	0.50	0.39	0.39	0.25
196	2.12	85%	0.33	0.50	0.61	0.61	0.46
197	1.31	63%	0.48	0.50	0.39	NA	0.26
198	0.77	63%	0.28	0.50	0.15	NA	0.15
199	0.68	63%	0.25	0.50	0.26	0.26	0.21

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
200	1.66	91%	0.15	0.50	0.65	0.65	0.51
201	1.67	81%	0.31	0.50	0.67	0.67	0.50
202	0.43	63%	0.16	0.50	0.17	0.17	0.15
203	0.14	63%	0.05	0.50	0.05	0.00	0.04
204	0.47	63%	0.17	0.50	0.23	0.23	0.22
205	-	63%	-	-	-	-	-
206	0.69	63%	0.25	0.50	0.19	NA	0.11
207	1.82	63%	0.66	1.00	0.69	0.69	0.50
208	0.83	63%	0.30	0.50	0.19	NA	0.08
209	-	63%	-	-	-	-	-
210	0.56	63%	0.21	0.50	0.11	NA	0.11
211	1.75	79%	0.37	0.50	0.71	0.71	0.49
212	2.64	82%	0.47	0.50	0.78	0.78	0.58
213	2.70	89%	0.31	0.50	0.83	0.83	0.69
214	3.80	63%	1.39	1.50	0.81	NA	0.47
215	3.17	63%	1.16	1.50	0.84	NA	0.60
216	2.37	63%	0.87	1.00	0.88	0.88	0.67
217	2.77	63%	1.01	1.00	0.65	NA	0.48
218	7.10	63%	2.60	2.60	1.50	NA	0.62
219	2.64	63%	0.97	1.00	0.49	NA	0.30
220	2.55	63%	0.93	1.00	0.54	NA	0.35
221	1.72	63%	0.63	1.00	0.43	NA	0.36
222	3.04	63%	1.11	1.50	0.83	NA	0.80
223	2.10	63%	0.77	1.00	0.88	0.88	0.87
224	0.42	63%	0.15	0.50	0.15	NA	0.14

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
225	-	63%	-	-	-	-	-
226	-	59%	-	-	-	-	-
227	3.97	63%	1.45	1.50	1.07	NA	0.70
228	1.18	72%	0.33	0.50	0.55	0.55	0.44
229	1.62	63%	0.59	0.50	0.95	0.95	0.59
230	1.60	63%	0.58	0.50	0.89	0.89	0.61
231	2.24	63%	0.82	1.00	0.84	0.84	0.54
232	2.86	63%	1.05	1.00	0.79	NA	0.48
233	3.57	63%	1.31	1.50	1.00	NA	0.62
234	1.43	63%	0.52	0.50	0.70	0.70	0.53
235	3.64	63%	1.33	1.50	0.93	NA	0.55
236	4.03	63%	1.48	1.50	0.92	NA	0.58
237	2.86	63%	1.05	1.00	0.83	NA	0.48
238	4.08	63%	1.49	1.50	1.14	NA	0.70
239	2.72	63%	0.99	1.00	0.67	NA	0.39
240	2.88	63%	1.06	1.00	0.83	NA	0.53
241	1.79	63%	0.66	1.00	0.54	NA	0.38
242	1.59	63%	0.58	0.50	0.60	0.60	0.47
243	1.60	63%	0.59	0.50	0.51	NA	0.36
244	1.59	63%	0.58	0.50	0.56	NA	0.36
245	1.20	63%	0.44	0.50	0.44	0.44	0.29
246	2.00	76%	0.48	0.50	0.58	0.58	0.34
247	0.60	63%	0.22	0.50	0.18	NA	0.12
248	1.11	63%	0.41	0.50	0.25	NA	0.14
249	0.43	63%	0.16	0.50	0.16	0.16	0.11

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
250	0.64	63%	0.23	0.50	0.23	NA	0.17
251	0.72	63%	0.26	0.50	0.19	NA	0.12
252	0.36	63%	0.13	0.50	0.16	0.16	0.14
253	0.45	63%	0.17	0.50	0.20	0.20	0.16
254	0.87	63%	0.32	0.50	0.30	NA	0.22
255	1.21	63%	0.44	0.50	0.25	NA	0.11
256	1.53	63%	0.56	0.50	0.64	0.64	0.50
257	1.38	63%	0.51	0.50	0.39	NA	0.27
258	1.67	63%	0.61	1.00	0.68	0.68	0.55
259	1.55	63%	0.57	0.50	0.66	0.66	0.47
260	1.05	63%	0.38	0.50	0.28	NA	0.15
261	1.30	63%	0.48	0.50	0.53	0.53	0.44
262	2.39	63%	0.88	1.00	0.53	NA	0.31
263	2.21	63%	0.81	1.00	0.46	NA	0.27
264	3.87	63%	1.42	1.50	0.82	NA	0.48
265	2.86	63%	1.05	1.00	0.68	NA	0.45
266	2.98	63%	1.09	1.00	0.83	NA	0.63
267	2.93	63%	1.07	1.00	0.64	NA	0.45
268	3.70	63%	1.36	1.50	1.03	NA	0.77
269	2.77	63%	1.01	1.00	0.54	NA	0.34
270	2.85	63%	1.05	1.00	0.51	NA	0.33
271	3.04	63%	1.11	1.50	0.45	NA	0.23
272	1.98	63%	0.73	1.00	0.36	NA	0.23
273	3.03	63%	1.11	1.50	0.97	NA	0.90
274	4.19	66%	1.42	1.50	0.92	NA	0.51

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
275	2.74	73%	0.74	1.00	0.81	0.81	0.54
276	3.25	63%	1.19	1.50	0.82	NA	0.48
277	1.07	63%	0.39	0.50	0.47	0.47	0.46
278	-	63%	-	-	-	-	-
279	-	63%	-	-	-	-	-
280	0.58	63%	0.21	0.50	0.13	NA	0.13
281	2.18	63%	0.80	1.00	0.73	NA	0.64
282	1.84	63%	0.67	1.00	0.70	0.70	0.69
283	1.33	63%	0.49	0.50	0.45	NA	0.43
284	1.18	63%	0.43	0.50	0.49	0.49	0.48
285	1.84	63%	0.67	1.00	0.76	0.76	0.72
286	1.87	63%	0.68	1.00	0.65	NA	0.63
287	3.23	63%	1.18	1.50	1.00	NA	0.75
288	3.04	63%	1.11	1.50	1.00	NA	0.77
289	2.79	63%	1.02	1.00	0.63	NA	0.44
290	5.13	63%	1.88	2.00	0.81	NA	0.41
291	3.45	63%	1.26	1.50	0.74	NA	0.45
292	3.64	63%	1.33	1.50	0.81	NA	0.52
293	2.69	63%	0.98	1.00	0.58	NA	0.38
294	2.45	63%	0.90	1.00	0.48	NA	0.31
295	2.58	63%	0.95	1.00	0.53	NA	0.33
296	2.40	63%	0.88	1.00	0.81	NA	0.61
297	2.90	63%	1.06	1.00	1.25	1.25	1.13
298	2.77	63%	1.01	1.00	0.95	NA	0.72
299	3.38	63%	1.24	1.50	0.95	NA	0.68

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
300	0.51	63%	0.19	0.50	0.23	0.23	0.23
301	4.65	71%	1.37	1.50	1.44	1.44	0.84
302	0.39	63%	0.14	0.50	0.15	0.15	0.15
303	2.31	77%	0.52	0.50	0.53	0.53	0.36
304	0.97	64%	0.35	0.50	0.36	0.36	0.26
305	1.27	63%	0.46	0.50	0.36	NA	0.28
306	0.61	63%	0.22	0.50	0.26	0.26	0.20
307	1.98	78%	0.44	0.50	0.70	0.70	0.49
308	2.03	63%	0.74	1.00	0.43	NA	0.29
309	3.37	63%	1.23	1.50	0.87	NA	0.84
310	4.85	74%	1.25	1.50	1.36	1.36	0.78
311	0.87	63%	0.32	0.50	0.22	NA	0.13
312	2.06	63%	0.76	1.00	0.53	NA	0.35
313	2.06	64%	0.74	1.00	0.72	NA	0.53
314	1.85	72%	0.51	0.50	0.73	0.73	0.52
315	-	63%	-	-	-	-	-
316	1.57	63%	0.57	0.50	0.70	0.70	0.69
317	-	63%	-	-	-	-	-
318	-	63%	-	-	-	-	-
319	-	63%	-	-	-	-	-
320	1.79	63%	0.66	1.00	0.62	NA	0.60
321	2.85	63%	1.04	1.00	0.55	NA	0.34
322	3.43	63%	1.26	1.50	0.83	NA	0.54
323	3.13	84%	0.51	0.50	0.82	0.82	0.61
324	3.22	84%	0.52	0.50	0.82	0.82	0.61

TMDL Subbasin	Baseline TP loss lb/ac/yr	TMDL % Reduction	TP Credit Threshold lb/ac/yr	Rounded TP Credit Threshold lb/ac/yr	Conservation Scenario 1 lb/ac/yr	Interim Floor lb/ac/yr	Conservation Scenario 2 lb/ac/yr
325	3.24	84%	0.53	0.50	0.79	0.79	0.52
326	3.28	84%	0.53	0.50	0.74	0.74	0.49
327	3.11	84%	0.51	0.50	0.78	0.78	0.54
328	2.53	87%	0.32	0.50	0.76	0.76	0.59
329	1.24	63%	0.45	0.50	0.44	NA	0.35
330	1.34	63%	0.49	0.50	0.33	NA	0.20
331	1.87	76%	0.44	0.50	0.71	0.71	0.54
332	1.80	63%	0.66	1.00	0.73	0.73	0.59
333	0.59	63%	0.22	0.50	0.18	NA	0.12
334	-	63%	-	-	-	-	-
335	-	63%	-	-	-	-	-
336	1.12	63%	0.41	0.50	0.11	NA	0.09
337	0.73	63%	0.27	0.50	0.12	NA	0.11

TABLE E7: NORTHEAST LAKESHORE TMDL TP SUMMARIZED BY TMDL SUBBASIN (KEWAUNEE)

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
K1	2.4	0.0%	2.37	2.37	0.6	NA	0.4
K2	2.1	15.5%	1.76	1.76	0.7	NA	0.5
K3	2.1	27.8%	1.50	1.50	0.6	NA	0.4
K4	2.3	41.8%	1.33	1.50	0.7	NA	0.4
K5	3.4	51.5%	1.64	1.64	0.9	NA	0.5
K6	2.9	56.1%	1.26	1.50	0.7	NA	0.4
K7	2.8	53.7%	1.30	1.50	0.7	NA	0.4
K8	3.6	66.1%	1.21	1.50	0.8	NA	0.4
K9	3.3	80.3%	0.64	1.00	0.8	NA	0.5
K10	3.2	66.3%	1.07	1.00	0.7	NA	0.5
K11	6.0	46.2%	3.24	3.24	1.2	NA	0.6
K12	3.6	75.5%	0.89	1.00	0.8	NA	0.5
K13	3.4	40.7%	1.99	1.99	0.8	NA	0.4
K14	3.5	54.0%	1.62	1.62	0.9	NA	0.5
K15	3.0	0.0%	3.00	3.00	0.8	NA	0.5
K16	2.3	0.0%	2.33	2.33	0.6	NA	0.3
K17	3.0	58.9%	1.25	1.50	0.8	NA	0.4
K18	2.7	19.6%	2.17	2.17	0.6	NA	0.3
K19	3.0	15.7%	2.51	2.51	0.7	NA	0.3
K20	3.1	55.3%	1.38	1.50	0.8	NA	0.4
K21	3.8	61.9%	1.44	1.50	0.9	NA	0.4
K22	2.3	89.2%	0.25	0.50	0.7	0.7	0.5
K23	2.2	0.0%	2.20	2.20	0.7	NA	0.5
K24	2.3	0.0%	2.27	2.27	0.5	NA	0.3

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
K25	3.2	27.2%	2.35	2.35	0.8	NA	0.4
K26	2.8	19.1%	2.27	2.27	0.6	NA	0.3
K27	2.6	0.0%	2.58	2.58	0.6	NA	0.3
K28	2.8	0.0%	2.76	2.76	0.6	NA	0.3
K29	3.6	65.6%	1.25	1.50	0.8	NA	0.4
K30	3.4	86.6%	0.46	0.50	0.8	0.8	0.4
K31	4.9	22.6%	3.81	3.81	1.1	NA	0.5
K32	3.8	20.2%	3.01	3.01	0.8	NA	0.4
K33	3.4	61.6%	1.29	1.50	0.7	NA	0.4
K34	3.0	0.0%	3.04	3.04	0.6	NA	0.3
K35	4.1	58.8%	1.69	1.69	1.0	NA	0.5
K36	3.2	0.0%	3.16	3.16	0.8	NA	0.4
K37	4.5	9.1%	4.10	4.10	0.9	NA	0.4
K38	3.1	0.0%	3.11	3.11	0.7	NA	0.4
K39	3.2	75.7%	0.79	1.00	0.8	NA	0.5
K40	3.1	78.9%	0.66	1.00	0.8	NA	0.5
K41	3.0	67.2%	1.00	1.00	0.7	NA	0.4
K42	2.8	70.2%	0.83	1.00	0.7	NA	0.4
K43	3.2	69.6%	0.98	1.00	0.8	NA	0.5
K44	2.0	0.0%	1.99	1.99	0.6	NA	0.4
K45	2.7	0.0%	2.66	2.66	0.6	NA	0.4
K46	2.6	0.0%	2.64	2.64	0.6	NA	0.4
K47	3.1	27.7%	2.25	2.25	0.7	NA	0.4
K48	3.1	49.5%	1.55	1.50	0.7	NA	0.4
K49	2.6	34.8%	1.71	1.71	0.7	NA	0.4
K50	3.3	45.8%	1.78	1.78	0.8	NA	0.4

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
K51	2.3	0.0%	2.26	2.26	0.6	NA	0.4
K52	2.0	0.0%	1.98	1.98	0.6	NA	0.4
K53	2.3	0.0%	2.32	2.32	0.6	NA	0.4
K54	2.2	11.8%	1.94	1.94	0.6	NA	0.4
K55	2.1	0.0%	2.07	2.07	0.6	NA	0.4
K56	2.3	53.7%	1.07	1.00	0.6	NA	0.4
K57	2.0	0.0%	2.02	2.02	0.6	NA	0.4
K58	3.9	46.2%	2.09	2.09	0.8	NA	0.4
K59	3.6	56.5%	1.56	1.50	0.8	NA	0.4
K60	2.0	84.5%	0.32	0.50	0.7	0.7	0.5
K61	3.4	62.1%	1.28	1.50	0.8	NA	0.5
K62	2.7	50.0%	1.34	1.50	0.7	NA	0.4
K63	3.0	85.6%	0.43	0.50	0.8	0.8	0.5
K64	2.8	30.9%	1.91	1.91	0.8	NA	0.5
K65	3.3	51.3%	1.59	1.50	0.8	NA	0.5
K66	3.1	35.8%	1.99	1.99	0.8	NA	0.5
K67	2.0	14.7%	1.68	1.68	0.6	NA	0.4
K68	2.5	56.8%	1.08	1.00	0.7	NA	0.5
K69	4.1	0.0%	4.10	4.10	0.9	NA	0.4
K70	3.1	55.0%	1.38	1.50	0.7	NA	0.4
K71	4.2	0.0%	4.24	4.24	0.9	NA	0.4
K72	5.4	0.0%	5.35	5.35	1.2	NA	0.5
K73	3.6	0.0%	3.57	3.57	0.7	NA	0.4
K76	6.1	0.0%	6.14	6.14	1.3	NA	0.7
K77	6.6	6.0%	6.21	6.21	1.1	NA	0.5
K78	6.4	17.8%	5.28	5.28	1.3	NA	0.6

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
K80	2.7	0.0%	2.70	2.70	0.7	NA	0.4
K81	2.0	0.0%	1.98	1.98	0.5	NA	0.3
K82	3.6	79.8%	0.74	1.00	0.8	NA	0.4
K83	1.4	0.0%	1.41	1.50	0.5	NA	0.4
K84	4.1	63.1%	1.51	1.50	0.8	NA	0.4
K85	3.4	57.4%	1.46	1.50	0.8	NA	0.4
K86	2.3	0.0%	2.33	2.33	0.6	NA	0.4
K88	2.4	54.9%	1.08	1.00	0.7	NA	0.5
K89	4.0	65.3%	1.40	1.50	0.9	NA	0.4
K90	4.1	47.0%	2.19	2.19	0.9	NA	0.4
K91	3.4	89.8%	0.34	0.50	0.7	0.7	0.4
K92	3.8	17.8%	3.11	3.11	0.9	NA	0.4
K93	3.1	0.0%	3.12	3.12	0.8	NA	0.5
K94	2.6	12.7%	2.31	2.31	0.7	NA	0.5
K95	2.1	68.9%	0.67	1.00	0.7	NA	0.5
K96	4.5	0.0%	4.50	4.50	1.0	NA	0.5
K97	3.2	77.5%	0.71	1.00	0.8	NA	0.5
K98	3.0	61.4%	1.14	1.50	0.7	NA	0.4
K99	2.9	74.4%	0.74	1.00	0.7	NA	0.4
K100	2.9	0.0%	2.87	2.87	0.7	NA	0.4
K101	2.2	62.4%	0.82	1.00	0.6	NA	0.4
K102	2.9	44.2%	1.59	1.50	0.8	NA	0.5
K103	2.6	42.6%	1.47	1.50	0.6	NA	0.3
K104	2.4	0.0%	2.42	2.42	0.6	NA	0.4
K105	1.7	0.0%	1.67	1.67	0.4	NA	0.3
K106	2.9	75.6%	0.72	1.00	0.7	NA	0.4

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
K107	4.0	74.1%	1.03	1.00	0.9	NA	0.5
K108	3.4	88.2%	0.40	0.50	0.8	0.8	0.4
K109	2.6	89.7%	0.27	0.50	0.7	0.7	0.5
K110	2.9	93.7%	0.18	0.50	0.8	0.8	0.5
K111	2.2	78.1%	0.49	0.50	0.7	0.7	0.5

TABLE E8: NORTHEAST LAKESHORE TMDL TP SUMMARIZED BY TMDL SUBBASIN (MANITOWOC)

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
M1	2.9	56.6%	1.27	1.50	0.8	NA	0.5
M2	3.0	61.7%	1.15	1.50	0.8	NA	0.5
M3	3.2	61.6%	1.24	1.50	0.9	NA	0.5
M4	3.1	65.0%	1.07	1.00	0.7	NA	0.4
M5	2.8	10.4%	2.54	2.54	0.8	NA	0.5
M6	2.6	52.5%	1.25	1.50	0.7	NA	0.4
M7	2.2	35.7%	1.42	1.50	0.6	NA	0.4
M8	3.7	59.1%	1.51	1.50	1.0	NA	0.5
M9	3.0	66.1%	1.01	1.00	0.8	NA	0.5
M10	2.4	49.9%	1.19	1.50	0.8	NA	0.5
M11	2.5	0.0%	2.48	2.48	0.8	NA	0.5
M12	3.5	0.0%	3.46	3.50	0.9	NA	0.5
M13	3.5	74.0%	0.91	1.00	0.9	NA	0.5
M14	3.3	82.1%	0.60	1.00	0.8	NA	0.5
M15	2.5	80.2%	0.49	0.50	0.8	0.8	0.5
M16	2.5	51.8%	1.18	1.50	0.8	NA	0.5
M17	2.4	44.5%	1.33	1.50	0.7	NA	0.5
M18	2.6	75.5%	0.63	1.00	0.7	NA	0.5
M19	3.1	85.5%	0.45	0.50	0.8	0.8	0.5
M20	2.9	85.7%	0.41	0.50	0.8	0.8	0.5
M21	2.0	0.0%	1.99	1.99	0.6	NA	0.4
M22	3.7	77.9%	0.81	1.00	0.9	NA	0.5
M23	2.8	59.9%	1.13	1.50	0.8	NA	0.5
M24	2.0	0.0%	2.05	2.05	0.7	NA	0.5
M25	2.6	80.7%	0.49	0.50	0.8	0.8	0.5

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
M26	2.4	51.1%	1.18	1.50	0.8	NA	0.5
M27	2.3	25.8%	1.67	1.67	0.7	NA	0.5
M28	2.3	78.0%	0.50	0.50	0.7	0.7	0.5
M29	1.9	7.3%	1.76	1.76	0.7	NA	0.5
M30	1.9	0.0%	1.93	1.93	0.7	NA	0.5
M31	2.4	0.0%	2.39	2.39	0.8	NA	0.5
M32	2.8	8.2%	2.55	2.55	0.7	NA	0.4
M33	2.8	39.7%	1.71	1.71	0.7	NA	0.4
M34	2.4	68.2%	0.78	1.00	0.7	NA	0.5
M35	3.7	60.9%	1.45	1.50	0.8	NA	0.4
M36	2.3	76.6%	0.55	0.50	0.7	0.7	0.4
M37	1.9	89.0%	0.21	0.50	0.7	0.7	0.5
M38	3.6	67.7%	1.16	1.50	1.0	NA	0.6
M39	3.4	69.6%	1.05	1.00	1.0	NA	0.6
M41	3.0	0.0%	2.98	2.98	0.9	NA	0.6
M42	3.6	54.1%	1.64	1.60	1.0	NA	0.6
M43	3.5	81.1%	0.67	1.00	0.8	NA	0.4
M44	2.7	75.3%	0.68	1.00	0.7	NA	0.5
M45	2.5	64.0%	0.91	1.00	0.8	NA	0.5
M46	2.6	57.3%	1.09	1.00	0.8	NA	0.5
M47	3.0	53.3%	1.40	1.50	0.7	NA	0.4
M48	3.1	85.0%	0.47	0.50	0.8	NA	0.5
M49	3.3	77.4%	0.74	1.00	0.9	NA	0.5
M50	3.0	36.8%	1.89	1.89	0.8	NA	0.4
M51	2.5	46.2%	1.35	1.50	0.8	NA	0.5
M52	3.7	0.0%	3.65	3.65	1.1	NA	0.6

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
M53	3.0	0.0%	3.05	3.05	0.9	NA	0.5
M54	4.2	77.1%	0.95	1.00	1.1	1.1	0.5
M55	3.1	89.3%	0.33	0.50	0.8	0.8	0.5
M56	2.9	35.2%	1.85	1.85	0.8	NA	0.5
M57	2.8	95.1%	0.14	0.50	0.8	0.8	0.5
M58	3.2	0.0%	3.24	3.24	0.8	NA	0.5
M59	3.3	63.0%	1.22	1.50	0.9	NA	0.5
M60	3.1	95.2%	0.15	0.50	0.8	0.8	0.5
M61	3.5	82.8%	0.60	1.00	1.0	NA	0.6
M62	3.0	44.9%	1.64	1.64	0.8	NA	0.5
M63	2.6	69.6%	0.79	1.00	0.8	NA	0.5
M64	4.8	0.0%	4.76	4.76	1.0	NA	0.5
M65	5.7	89.7%	0.59	0.50	1.3	1.3	0.6
M66	3.0	61.0%	1.16	1.50	0.7	NA	0.4
M67	4.0	87.8%	0.49	0.50	1.0	1.0	0.5
M68	3.4	83.3%	0.56	0.50	0.9	0.9	0.5
M69	2.1	0.0%	2.10	2.10	0.6	NA	0.3
M70	2.8	0.0%	2.76	2.76	0.7	NA	0.3
M71	4.0	0.0%	4.02	4.02	1.0	NA	0.5
M72	2.4	64.9%	0.83	1.00	0.8	NA	0.5
M73	2.8	0.0%	2.84	2.84	0.7	NA	0.4
M74	4.9	65.5%	1.69	1.69	1.3	NA	0.6
M75	3.7	0.0%	3.72	3.72	0.9	NA	0.4
M76	2.6	33.3%	1.75	1.75	0.7	NA	0.3
M77	3.7	86.7%	0.49	0.50	0.9	0.9	0.5
M78	2.7	50.1%	1.35	1.50	0.8	NA	0.5

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
M79	2.7	44.2%	1.52	1.50	0.9	NA	0.5
M80	4.6	91.5%	0.39	0.50	1.0	1.0	0.5
M81	4.1	68.1%	1.31	1.50	1.1	NA	0.5
M82	4.1	85.3%	0.60	1.00	0.9	NA	0.5
M83	3.3	80.9%	0.62	1.00	0.8	NA	0.5
M84	2.6	74.0%	0.67	1.00	0.8	NA	0.5
M85	2.5	74.9%	0.63	1.00	0.7	NA	0.5
M86	2.3	67.5%	0.74	1.00	0.7	NA	0.5
M87	2.8	66.4%	0.95	1.00	0.8	NA	0.5
M89	3.7	0.0%	3.68	3.68	0.9	NA	0.4
M90	2.2	41.3%	1.28	1.50	0.7	NA	0.5
M92	3.0	0.0%	3.03	3.03	0.8	NA	0.5
M93	2.0	64.0%	0.71	1.00	0.5	NA	0.3
M94	2.9	0.0%	2.90	2.90	0.8	NA	0.4
M95	2.7	23.4%	2.07	2.07	0.8	NA	0.5
M96	3.2	46.6%	1.73	1.73	1.0	NA	0.6
M97	1.3	0.0%	1.26	1.50	0.5	NA	0.3
M98	3.1	63.0%	1.13	1.50	0.7	NA	0.4

TABLE E9: NORTHEAST LAKESHORE TMDL TP SUMMARIZED BY TMDL SUBBASIN (SHEBOYGAN)

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
S1	4.6	68.6%	1.45	1.50	1.2	NA	0.8
S2	3.9	89.9%	0.39	0.50	1.1	1.1	0.7
S3	3.6	86.1%	0.51	0.50	1.0	1.0	0.6
S4	5.0	94.6%	0.27	0.50	1.2	1.2	0.7
S5	4.6	91.7%	0.38	0.50	1.1	1.1	0.7
S6	3.6	86.0%	0.51	0.50	1.0	1.0	0.6
S7	4.1	75.1%	1.01	1.00	1.0	NA	0.6
S8	4.0	86.2%	0.56	0.50	1.1	1.1	0.7
S9	3.8	87.1%	0.48	0.50	1.0	1.0	0.6
S10	3.0	57.0%	1.27	1.50	0.8	NA	0.5
S11	3.3	73.1%	0.89	1.00	0.9	NA	0.5
S12	3.2	60.8%	1.24	1.50	0.9	NA	0.6
S13	4.0	74.8%	1.01	1.00	1.0	NA	0.6
S14	4.6	91.3%	0.40	0.50	1.1	1.1	0.7
S15	3.3	74.3%	0.86	1.00	0.9	NA	0.6
S16	4.1	86.2%	0.57	0.50	1.1	1.1	0.7
S18	4.0	89.9%	0.41	0.50	1.1	1.1	0.7
S19	3.5	85.2%	0.52	0.50	1.0	1.0	0.6
S20	4.3	93.2%	0.29	0.50	0.9	0.9	0.6
S21	5.3	83.7%	0.86	1.00	1.3	1.3	0.7
S22	3.2	69.0%	0.99	1.00	0.9	NA	0.5
S23	4.8	0.0%	4.79	4.79	1.1	NA	0.5
S24	3.9	0.0%	3.90	3.90	1.0	NA	0.6
S25	3.2	69.6%	0.97	1.00	0.9	NA	0.5
S26	8.0	0.0%	7.99	7.99	0.8	NA	0.4

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
S27	3.4	0.0%	3.38	3.38	0.9	NA	0.6
S28	3.1	79.3%	0.65	1.00	0.8	NA	0.5
S29	3.6	50.2%	1.81	1.80	1.0	NA	0.6
S30	3.8	94.2%	0.22	0.50	1.0	1.0	0.6
S31	3.4	71.0%	0.99	1.00	0.9	NA	0.6
S32	3.6	68.7%	1.13	1.50	1.0	NA	0.6
S33	4.6	70.1%	1.36	1.50	1.2	NA	0.7
S34	4.8	77.5%	1.07	1.00	1.2	1.2	0.7
S35	6.4	38.2%	3.97	3.97	1.5	NA	0.7
S36	6.7	0.0%	6.71	6.71	1.6	NA	0.7
S37	5.1	0.0%	5.14	5.14	1.3	NA	0.6
S38	4.0	0.0%	4.04	4.04	0.9	NA	0.5
S39	3.1	80.8%	0.59	0.50	0.9	0.9	0.6
S40	1.9	0.0%	1.93	1.93	0.7	NA	0.5
S41	3.6	77.4%	0.81	1.00	1.0	NA	0.6
S42	4.4	85.0%	0.66	1.00	1.2	1.2	0.7
S43	3.6	74.9%	0.91	1.00	1.0	NA	0.6
S44	6.0	84.0%	0.96	1.00	1.5	1.5	0.8
S45	4.7	0.0%	4.66	4.66	1.1	NA	0.5
S46	4.5	0.0%	4.48	4.48	1.1	NA	0.6
S47	4.8	43.8%	2.70	2.70	1.2	NA	0.6
S48	3.8	0.0%	3.75	3.75	0.9	NA	0.5
S49	3.3	70.7%	0.98	1.00	0.9	NA	0.5
S50	3.2	83.7%	0.52	0.50	0.9	0.9	0.5
S51	3.6	76.7%	0.84	1.00	1.0	NA	0.6
S52	3.5	78.2%	0.77	1.00	1.0	NA	0.5

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
S53	2.7	0.0%	2.68	2.68	0.7	NA	0.4
S54	4.6	77.6%	1.04	1.00	1.1	1.1	0.6
S55	5.2	60.0%	2.09	2.09	1.2	NA	0.6
S56	4.9	63.4%	1.80	1.80	1.1	NA	0.5
S57	2.1	0.0%	2.11	2.11	0.6	NA	0.3
S58	12.2	0.0%	12.17	12.17	1.3	NA	0.5
S59	4.1	0.0%	4.09	4.09	1.0	NA	0.5
S60	5.5	6.7%	5.15	5.15	1.3	NA	0.6
S61	3.0	24.5%	2.28	2.28	0.8	NA	0.4
S62	3.8	64.7%	1.36	1.50	0.9	NA	0.4
S63	4.9	7.2%	4.54	4.54	0.6	NA	0.3
S64	3.5	29.6%	2.46	2.46	0.9	NA	0.5
S65	2.7	0.0%	2.67	2.67	0.5	NA	0.3
S66	5.2	71.3%	1.48	1.50	1.3	NA	0.6
S67	4.0	68.3%	1.26	1.50	1.1	NA	0.6
S68	4.4	0.0%	4.39	4.39	1.1	NA	0.6
S69	3.7	0.0%	3.69	3.69	0.9	NA	0.5
S70	3.2	0.0%	3.22	3.22	0.8	NA	0.4
S71	5.0	82.4%	0.88	1.00	1.3	1.3	0.7
S72	5.8	87.7%	0.71	1.00	1.4	1.4	0.7
S73	5.7	83.3%	0.96	1.00	1.2	1.2	0.6
S74	2.5	12.8%	2.14	2.14	0.6	NA	0.4
S75	2.3	0.0%	2.30	2.30	0.5	NA	0.2
S76	5.9	0.0%	5.94	5.94	1.5	NA	0.6
S77	2.2	0.0%	2.16	2.16	0.3	NA	0.2
S78	4.6	0.0%	4.64	4.64	0.7	NA	0.4

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
S79	7.7	92.7%	0.56	0.50	1.6	1.6	0.8
S80	3.1	0.0%	3.10	3.10	0.9	NA	0.4
S81	2.8	0.0%	2.79	2.79	0.8	NA	0.4
S82	8.7	89.0%	0.96	1.00	1.9	1.9	0.8
S83	3.9	0.0%	3.92	3.92	0.9	NA	0.4
S84	1.2	0.0%	1.17	1.50	0.3	NA	0.2
S86	2.8	0.0%	2.79	2.79	0.6	NA	0.3
S87	4.7	0.0%	4.68	4.68	1.3	NA	0.8
S88	6.4	92.8%	0.46	0.50	1.5	1.5	0.6
S89	6.4	0.0%	6.38	6.40	1.5	NA	0.7
S90	1.9	0.0%	1.88	1.88	0.3	NA	0.2
S91	11.1	0.0%	11.14	11.14	2.1	NA	0.9
S92	5.0	90.5%	0.48	0.50	1.2	1.2	0.6
S93	4.0	0.0%	3.97	3.97	0.9	NA	0.5
S94	4.1	84.3%	0.65	1.00	1.1	1.1	0.6
S95	5.5	29.8%	3.89	3.89	1.3	NA	0.6
S96	5.3	0.0%	5.29	5.29	1.3	NA	0.6
S97	4.8	61.1%	1.85	1.85	1.0	NA	0.4
S98	4.1	0.0%	4.12	4.12	0.9	NA	0.5
S99	4.6	0.0%	4.55	4.55	0.9	NA	0.4
S100	4.4	84.4%	0.68	1.00	1.0	NA	0.5
S101	5.4	53.1%	2.55	2.55	1.3	NA	0.6
S102	4.8	0.0%	4.79	4.79	1.3	NA	0.7
S103	4.5	78.2%	0.98	1.00	1.1	1.1	0.5
S104	8.5	91.3%	0.74	1.00	2.1	2.1	1.1
S105	3.7	62.8%	1.38	1.50	1.0	NA	0.6

TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)	Conservation Scenario 6 (lb./ac/yr)	Interim Floor (lb/ac/yr)	Conservation Scenario 7 (lb/ac/yr)
S106	1.6	0.0%	1.62	1.62	0.5	NA	0.4
S108	4.0	0.0%	4.00	4.00	1.1	NA	0.6
S109	3.7	86.0%	0.51	0.50	1.0	1.0	0.6
S110	3.0	61.5%	1.17	1.50	0.7	NA	0.5

TABLE E10: NORTHEAST LAKESHORE TMDL TSS SUMMARIZED BY TMDL SUBBASIN (KEWAUNEE)

TMDL Subbasin	Baseline TSS Loss (tons/ac/yr)	TMDL % Reduction	TSS Credit Threshold (tons/ac/yr)
TSS_K1	3.10	19.5%	2.5
TSS_K2	2.80	0.0%	2.8
TSS_K22	2.30	0.0%	2.3
TSS_K23	2.10	0.0%	2.1
TSS_K30	3.40	0.0%	3.4
TSS_K31	3.40	0.0%	3.4
TSS_K44	2.70	0.0%	2.7
TSS_K54	2.10	0.0%	2.1
TSS_K56	2.50	0.0%	2.5
TSS_K57	2.00	0.0%	2
TSS_K58	4.10	0.0%	4.1
TSS_K59	3.60	0.0%	3.6
TSS_K60	2.00	0.0%	2
TSS_K101	2.20	0.0%	2.2
TSS_K102	2.90	0.0%	2.9
TSS_K103	2.60	0.0%	2.6
TSS_K104	2.40	0.0%	2.4
TSS_K105	1.70	0.0%	1.7
TSS_K106	3.10	0.0%	3.1
TSS_K107	4.00	0.0%	4
TSS_K108	3.40	0.0%	3.4
TSS_K109	2.60	28.2%	1.8
TSS_K110	2.90	0.0%	2.9
TSS_K111	2.20	0.0%	2.2

TABLE E11: NORTHEAST LAKESHORE TMDL TSS SUMMARIZED BY TMDL SUBBASIN (MANITOWOC)

TMDL Subbasin	Baseline TSS Loss (tons/ac/yr)	TMDL % Reduction	TSS Credit Threshold (tons/ac/yr)
TSS_M1	2.9	72.4%	0.8
TSS_M2	3	70.5%	0.9
TSS_M3	3.2	77.9%	0.7
TSS_M4	2.9	77.2%	0.7
TSS_M6	2.7	68.6%	0.8
TSS_M7	2.7	74.1%	0.7
TSS_M10	2.7	70.4%	0.8
TSS_M12	3.1	72.4%	0.9
TSS_M26	2.4	58.3%	1
TSS_M27	3	71.1%	0.9
TSS_M36	2.1	58.2%	0.9
TSS_M39	3.5	76.0%	0.8
TSS_M79	2.7	42.7%	1.6
TSS_M90	2.2	0.0%	2.2
TSS_M92	3	0.0%	3
TSS_M93	2	45.8%	1.1
TSS_M94	2.8	0.0%	2.8
TSS_M95	2.7	34.2%	1.8
TSS_M96	3.2	62.8%	1.2
TSS_M97	1.3	0.0%	1.3
TSS_M98	3.1	52.0%	1.5

TABLE E12: NORTHEAST LAKESHORE TMDL TSS SUMMARIZED BY TMDL SUBBASIN (SHEBOYGAN)

TMDL Subbasin	Baseline TSS Loss (tons/ac/yr)	TMDL % Reduction	TSS Credit Threshold (tons/ac/yr)
TSS_S1	4	0.572	1.7
TSS_S3	3.8	0.677	1.2
TSS_S9	3.2	0.427	1.9
TSS_S10	3.4	0	3.4
TSS_S24	4.5	0.068	4.2
TSS_S25	3.9	0.574	1.7
TSS_S29	4.4	0.277	3.2
TSS_S40	3.7	0.559	1.6
TSS_S106	1.6	0	1.6
TSS_S108	4	0.075	3.7
TSS_S109	3.7	0.535	1.7
TSS_S110	3.1	0.492	1.6

TABLE E13: MILWAUKEE RIVER TMDL TP SUMMARIZED BY TMDL SUBBASIN

Milwaukee TMDL Subbasin	Baseline TP Loss (lb/ac/yr)	TMDL % Reduction	TMDL Credit Threshold (lb/ac/yr)	Rounded TP Credit Threshold (lb/ac/yr)
1	2.7	42%	1.60	1.6
2	5.4	49%	2.80	2.8
3	5.8	37%	3.60	3.6
4	4.5	38%	2.80	2.8
5	4.8	35%	3.10	3.1
6	8.3	62%	3.20	3.2
7	2.5	45%	1.40	1.5
8	7.1	43%	4.00	4.0
9	7.4	59%	3.00	3.0
10	7.3	29%	5.20	5.2
11	7.2	19%	5.80	5.8
12	6	27%	4.40	4.4
13	4.3	33%	2.90	2.9
14	7.5	62%	2.90	2.9
15	5.5	51%	2.70	2.7
16	5.2	53%	2.50	2.5
17	4.5	57%	1.90	1.9
18	11.4	40%	6.80	6.8
19	4.4	40%	2.70	2.7
20	5.6	49%	2.80	2.8
21	4.9	51%	2.40	2.4
22	3.4	37%	2.20	2.2
23	5.4	38%	3.30	3.3
24	3	52%	1.40	1.5
25	5.3	23%	4.10	4.1
26	6.1	65%	2.10	2.1
27	5.4	27%	3.90	3.9

TABLE E14: MILWAUKEE RIVER TMDL TSS SUMMARIZED BY TMDL SUBBASIN

Milwaukee TMDL Subbasin	Baseline TSS Loss (tons/ac/yr)	TMDL % Reduction	TSS Credit Threshold (tons/ac/yr)
1	1.4	69%	0.4
2	3.6	62%	1.4
3	3.7	70%	1.1
4	2.8	68%	0.9
5	3.3	63%	1.2
6	6.1	54%	2.8
7	1.4	68%	0.4
8	5.1	66%	1.7
9	5.7	52%	2.7
10	5.6	64%	2
11	5.3	50%	2.7
12	4.3	64%	1.5
13	2.6	66%	0.9
14	5.9	70%	1.8
15	4.1	57%	1.7
16	3.2	65%	1.1
17	3.1	61%	1.2
18	8.7	63%	3.2
19	2.7	68%	0.9
20	3.3	68%	0.7
21	3.4	70%	1
22	2	68%	0.7
23	3.2	72%	0.9
24	1.7	60%	0.7
25	3.2	62%	1.2
26	3.9	75%	1
27	4.1	45%	2.2