

Upper Fox Wolf TMDL

Draft Municipal Lagoon System Allocation: Phosphorus

Facility Name	Baseline Flow (MGD)	Draft Allocation (lbs/yr)	Draft Month Limit (lbs/day)	Draft 6-mo Limit (lbs/day)	Equivalent Monthly Concentration (mg/L)	Equivalent 6-Mo Concentration (mg/L)
BOWLER WASTEWATER TREATMENT FACILITY	0.0336	17.45	0.186	0.062	0.665	0.222
BUTTE DES MORTS CONSOLIDATED SD 1	0.078	40.50	0.432	0.144	0.665	0.222
CAROLINE SD 1 WASTEWATER TREATMENT FACILITY	0.018	9.35	0.100	0.033	0.665	0.222
DALE SANITARY DISTRICT NO 1 WWTF	0.06	31.15	0.333	0.111	0.665	0.222
EMBARRASS CLOVERLEAF LAKES SD LAGOON SYSTEM	0.17	88.27	0.942	0.314	0.665	0.222
FAIRWATER WASTEWATER TREATMENT FACILITY	0.051	26.64	0.284	0.095	0.669	0.223
FRIESLAND WASTEWATER TREATMENT FACILITY	0.0267	13.95	0.149	0.050	0.669	0.223
GREEN LAKE SANITARY DISTRICT	0.096	49.85	0.532	0.177	0.665	0.222
GRESHAM WASTEWATER TREATMENT FACILITY	0.106	54.81	0.585	0.195	0.662	0.221
KINGSTON WASTEWATER TREATMENT FACILITY	0.02	10.45	0.112	0.037	0.669	0.223
LARSEN WINCHESTER SD WWTF	0.048	24.92	0.266	0.089	0.665	0.222
NORTH LAKE POYGAN S D WWTF	0.0528	27.41	0.293	0.098	0.665	0.222
OXFORD WASTEWATER TREATMENT FACILITY	0.064	23.02	0.246	0.082	0.460	0.153
POY SIPPI SD WASTEWATER TREATMENT FACILITY	0.048	24.43	0.261	0.087	0.652	0.217
POYGAN POYSIPPI SD 1 WWTF	0.078	40.50	0.432	0.144	0.665	0.222
PRINCETON WASTEWATER TREATMENT FACILITY	0.26	135.00	1.441	0.480	0.665	0.222
SHAWANO COUNTY UTILITIES WWTF*	0.038	78.65	0.409		1.291	
WILD ROSE WASTEWATER TREATMENT FACILITY	0.117	59.55	0.636	0.212	0.652	0.217
WITTENBERG WASTEWATER TREATMENT FACILITY	0.328	170.30	1.818	0.606	0.665	0.222

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Draft Municipal Lagoon System Allocations: TSS

Facility Name	Baseline Flow (MGD)	Draft TMDL Allocation (lbs/yr)	Draft TMDL Monthly Limit (lbs/day)	Draft TMDL Weekly Limit (lbs/day)	Equivalent Monthly Concentration (mg/L)**	Equivalent weekly Concentration (mg/L)**
BOWLER WASTEWATER TREATMENT FACILITY	0.0336	1989.203683	10.348	16.949	30.0	45.0
BUTTE DES MORTS CONSOLIDATED SD 1	0.078	14257.18706	74.165	121.479	60.0	186.7
CAROLINE SD 1 WASTEWATER TREATMENT FACILITY	0.018	2131.289661	11.087	18.160	60.0	121.0
DALE SANITARY DISTRICT NO 1 WWTF	0.06	3214.473943	16.721	27.389	33.4	54.7
EMBARRASS CLOVERLEAF LAKES SD LAGOON SYSTEM	0.17	10064.4234	52.354	85.696	30.0	45.0
FAIRWATER WASTEWATER TREATMENT FACILITY	0.051	1864.401384	9.698	15.875	20.0	23,30
FRIESLAND WASTEWATER TREATMENT FACILITY	0.0267	1113.656923	5.793	9.482	26.0	42.6
GREEN LAKE SANITARY DISTRICT	0.096	9356.771778	48.673	79.670	60.0	99.6
GRESHAM WASTEWATER TREATMENT FACILITY	0.106	6261.20469	32.570	53.312	30.0	45.0
KINGSTON WASTEWATER TREATMENT FACILITY	0.02	1949.327454	10.140	16.598	60.0	99.5
LARSEN WINCHESTER SD WWTF	0.048	2940.341247	11.834	16.664	29.6	41.6
NORTH LAKE POYGAN S D WWTF	0.0528	9651.01893	50.204	82.176	60.0	186.6
OXFORD WASTEWATER TREATMENT FACILITY	0.064	3118.923926	16.224	26.557	30.0	45.0
POY SIPPI SD WASTEWATER TREATMENT FACILITY	0.048	8773.653572	45.640	74.705	60.0	186.6
POYGAN POYSIPPI SD 1 WWTF	0.078	7128.593528	37.082	60.698	30.0	45.0
PRINCETON WASTEWATER TREATMENT FACILITY	0.26	12670.62845	65.912	107.887	30.0	45.0
SHAWANO COUNTY UTILITIES WWTF	0.038	1499.796428	6.036	8.500	19.0	26.8
WILD ROSE WASTEWATER TREATMENT FACILITY	0.117	21385.78058	86.070	121.201	60.0	124.2
WITTENBERG WASTEWATER TREATMENT FACILITY	0.328	19418.41691	101.013	165.342	30.0	40,45

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AMHERST WASTEWATER TREATMENT FACILITY	0.18	93.43	0.998	0.333	0.665	0.222
BEAR CREEK WASTEWATER TREATMENT FACILITY	0.1	51.92	0.554	0.185	0.665	0.222
BERLIN WASTEWATER TREATMENT FACILITY	1.5	778.83	7.229	2.410	0.578	0.193
BIRNAMWOOD WASTEWATER TREATMENT FACILITY	0.11	57.11	0.610	0.203	0.665	0.222
BLACK CREEK WASTEWATER TREATMENT FACILITY	0.335	173.94	1.614	0.538	0.578	0.193
CLINTONVILLE WASTEWATER TREATMENT FACILITY	0.636	330.22	3.173	1.058	0.598	0.199
EDEN WASTEWATER TREATMENT FACILITY	0.184	95.54	0.949	0.316	0.619	0.206
FOND DU LAC WATER POLLUTION CONTROL PLANT	11.1	5763.05	52.542	17.514	0.568	0.189
FREMONT ORIHULA WOLF RIVER JOINT S C	0.2	103.84	1.109	0.370	0.665	0.222
GREEN LAKE WASTEWATER TREATMENT FACILITY	0.5	259.61	2.580	0.860	0.619	0.206
HORTONVILLE WASTEWATER TREATMENT FACILITY	0.5	259.61	2.495	0.832	0.598	0.199
IOLA WASTEWATER TREATMENT FACILITY	0.179	92.94	0.992	0.331	0.665	0.222
MANAWA WASTEWATER TREATMENT FACILITY	0.204	105.92	1.018	0.339	0.598	0.199
MARION WASTEWATER TREATMENT FACILITY	0.4	207.69	2.218	0.739	0.665	0.222
MARKESAN WASTEWATER TREATMENT FACILITY	0.362	189.08	2.019	0.673	0.669	0.223
MONTELLO WASTEWATER TREATMENT FACILITY	0.3	156.71	1.557	0.519	0.622	0.207
NESHKORO WASTEWATER TREATMENT FACILITY	0.045	23.36	0.249	0.083	0.665	0.222
NEW LONDON WASTEWATER TREATMENT FACILITY	2	1038.44	9.979	3.326	0.598	0.199
NICHOLS WASTEWATER TREATMENT FACILITY	0.0316	16.41	0.175	0.058	0.665	0.222
OAKFIELD WASTEWATER TREATMENT FACILITY	0.305	138.39	1.478	0.493	0.581	0.194
OMRO WASTEWATER TREATMENT FACILITY	0.674	349.95	3.363	1.121	0.598	0.199
OSHKOSH WASTEWATER TREATMENT PLANT	20	10384.42	96.381	32.127	0.578	0.193
PACKWAUKEE SANITARY DISTRICT NO 1	0.055	19.78	0.211	0.070	0.460	0.153
REDGRANITE WASTEWATER TREATMENT FACILITY	0.322	167.18	1.607	0.536	0.598	0.199
RIPON WASTEWATER TREATMENT FACILITY	1.8	1301.32	11.864	3.955	0.790	0.263
ROSENDALE WASTEWATER TREATMENT FACILITY	0.216	112.03	1.077	0.359	0.598	0.199
SEYMOUR WASTEWATER TREATMENT FACILITY	0.578	300.11	2.884	0.961	0.598	0.199
SHIOCTON WASTEWATER TREATMENT FACILITY	0.151	78.40	0.837	0.279	0.665	0.222
SILVER LAKE SANITARY DISTRICT	1.025	532.20	5.683	1.894	0.665	0.222
STEPHENSVILLE SANITARY DISTRICT NO 1	0.024	12.46	0.133	0.044	0.665	0.222
STOCKBRIDGE WASTEWATER TREATMENT FACILITY	0.114	59.19	0.632	0.211	0.665	0.222
TIGERTON WASTEWATER TREATMENT FACILITY	0.1117	58.00	0.619	0.206	0.665	0.222
WAUPACA WASTEWATER TREATMENT FACILITY	1.5	778.57	7.482	2.494	0.598	0.199
WESTFIELD WASTEWATER TREATMENT FACILITY	0.25	129.96	1.388	0.463	0.666	0.222

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WEYAUWEGA WASTEWATER TREATMENT FACILITY	0.846	439.11	4.220	1.407	0.598	0.199
WINNECONNE WASTEWATER TREATMENT FACILITY	0.777	403.43	3.877	1.292	0.598	0.199
WOLF TREATMENT PLANT	2.63	1365.55	12.674	4.225	0.578	0.193

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AMHERST WASTEWATER TREATMENT FACILITY	0.18	10656.0413	42.887	60.433	28.6	40.3
BEAR CREEK WASTEWATER TREATMENT FACILITY	0.1	3946.832705	17.181	25.627	20.0	30.7
BERLIN WASTEWATER TREATMENT FACILITY	1.5	80748.67592	298.455	393.788	23.9	31.5
BIRNAMWOOD WASTEWATER TREATMENT FACILITY	0.11	4341.515975	17.473	24.622	19.0	26.8
BLACK CREEK WASTEWATER TREATMENT FACILITY	0.335	13221.88956	53.213	74.984	19.0	0.0
CLINTONVILLE WASTEWATER TREATMENT FACILITY	0.636	33878.47683	136.349	192.133	25.7	36.2
EDEN WASTEWATER TREATMENT FACILITY	0.184	6726.467739	29.282	43.646	19.1	28,44.2
FOND DU LAC WATER POLLUTION CONTROL PLANT	11.1	1014453.694	3555.101	4554.973	30.0	45.0
FREMONT ORIHULA WOLF RIVER JOINT S C	0.2	11840.49811	51.544	76.830	30.0	45.0
GREEN LAKE WASTEWATER TREATMENT FACILITY	0.5	26916.22531	117.171	174.651	28.1	41.9
HORTONVILLE WASTEWATER TREATMENT FACILITY	0.5	29601.24529	119.134	167.761	28.6	40.2
IOLA WASTEWATER TREATMENT FACILITY	0.179	8722.14402	37.969	56.595	25.4	37.9
MANAWA WASTEWATER TREATMENT FACILITY	0.204	9940.320559	40.006	56.335	23.5	33.1
MARION WASTEWATER TREATMENT FACILITY	0.4	14622.75595	58.851	82.872	17.6	24.8
MARKESAN WASTEWATER TREATMENT FACILITY	0.362	13233.59414	57.608	85.869	19.1	28.4
MONTELLO WASTEWATER TREATMENT FACILITY	0.3	14619.9559	63.643	94.865	25.4	37.9
NESHKORO WASTEWATER TREATMENT FACILITY	0.045	2422.460277	12.601	20.627	30.0	45.0
NEW LONDON WASTEWATER TREATMENT FACILITY	2	118404.9811	476.538	671.043	28.6	40.2
NICHOLS WASTEWATER TREATMENT FACILITY	0.0316	1564.174795	6.809	10.149	25.8	38.5
OAKFIELD WASTEWATER TREATMENT FACILITY	0.305	11149.85141	44.874	63.190	17.6	24.8
OMRO WASTEWATER TREATMENT FACILITY	0.674	43421.55132	174.756	246.085	30.0	43.8
OSHKOSH WASTEWATER TREATMENT PLANT	20	1827844.494	6755.893	8907.771	30.0	45.0
PACKWAUKEE SANITARY DISTRICT NO 1	0.055	2010.628944	10.459	17.120	20.0	30.0
REDGRANITE WASTEWATER TREATMENT FACILITY	0.322	29428.29636	118.438	166.780	30.0	45.0
RIPON WASTEWATER TREATMENT FACILITY	1.8	54835.33483	192.168	246.215	10.0	10.0
ROSENDALE WASTEWATER TREATMENT FACILITY	0.216	7896.288215	31.780	44.751	17.6	24.8
SEYMOUR WASTEWATER TREATMENT FACILITY	0.578	22812.69303	91.813	129.288	19.0	26.8
SHIOCTON WASTEWATER TREATMENT FACILITY	0.151	8939.576076	38.916	58.006	30.0	45.0
SILVER LAKE SANITARY DISTRICT	1.025	55178.26188	222.073	312.715	26.0	36.6
STEPHENSVILLE SANITARY DISTRICT NO 1	0.024	877.3653572	3.819	5.693	19.1	28.4
STOCKBRIDGE WASTEWATER TREATMENT FACILITY	0.114	4167.485447	16.773	23.619	17.6	24.8
TIGERTON WASTEWATER TREATMENT FACILITY	0.1117	6612.918197	28.787	42.909	30.0	45.0
WAUPACA WASTEWATER TREATMENT FACILITY	1.5	88800.34415	357.389	503.263	28.6	40.2

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WESTFIELD WASTEWATER TREATMENT FACILITY	0.25	12174.11226	52.996	78.994	25.4	37.9
WEYAUWEGA WASTEWATER TREATMENT FACILITY	0.846	50083.3941	201.568	283.840	28.6	40.2
WINNECONNE WASTEWATER TREATMENT FACILITY	0.777	71011.7586	285.797	402.449	30.0	45.0
WOLF TREATMENT PLANT	2.63	155702.5502	575.492	758.797	26.2	34.6

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AGROPUR INC WEYAUWEGA PLANT	0.329	80.26	0.857	0.286	0.312	0.104
ARTESIAN TROUT FARM	0.5	103.58	1.106	0.369	0.265	0.088
BONDUELLE USA - FAIRWATER	0.017	3.88	0.041	0.014	0.293	0.098
DARLING INTERNATIONAL INC	0.391	19.07	0.204	0.068	0.062	0.021
GREAT LAKES KRAUT	0.0175	5.34	0.057	0.019	0.390	0.130
HILLSHIRE BRANDS (a.k.a. SARA LEE FOODS - NEW LONDON)	0.792	411.04	4.085	1.362	0.619	0.206
LEACH FARMS - AURORAVILLE	0.02	4.57	0.049	0.016	0.293	0.098
LITTLE RAPIDS CORP SHAWANO SPECIALTY PAPERS	2	1038.44	11.088	3.696	0.665	0.222
POWER PACKAGING INC	0.092	13.45	0.144	0.048	0.187	0.062
SAPUTO CHEESE USA FOND DU LAC (SCOTT ST)	0.039	11.96	0.128	0.043	0.390	0.130
SILVER MOON SPRINGS	4.043	603.51	6.444	2.148	0.191	0.064
WAUPACA FOUNDRY PLANT 1	0.603	36.74	0.392	0.131	0.078	0.026
WEYAUWEGA STAR DAIRY*	0.006	12.79	0.067		1.330	
WI DNR WILD ROSE FISH HATCHERY	2.13	175.20	1.871	0.624	0.105	0.035
WI DNR WILD ROSE FISH HATCHERY	2.54	270.83	2.892	0.964	0.137	0.046
WISCONSIN VENEER AND PLYWOOD INC	0.142	23.36	0.249	0.083	0.211	0.070

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AGROPUR INC WEYAUWEGA PLANT	0.329	3818.641325	19.864	32.515	7.240	11.850
ARTESIAN TROUT FARM	0.5	15232.03745	79.236	129.696	19.001	31.102
BONDUELLE USA - FAIRWATER	0.017	62.1467128	0.323	0.529	2.280	3.732
DARLING INTERNATIONAL INC	0.391	7865.544618	40.916	66.973	12.541	20.527
GREAT LAKES KRAUT	0.0175	64.12078486	0.334	0.546	2.280	3.732
HILLSHIRE BRANDS (a.k.a. SARA LEE FOODS - NEW LONDON)	0.792	31244.96593	125.750	266.042	19.046	40.295
LEACH FARMS - AURORAVILLE	0.02	1218.562996	6.339	10.376	38.003	40.0
LITTLE RAPIDS CORP SHAWANO SPECIALTY PAPERS	2	239140.4589	1243.989	2036.213	74.580	122.075
POWER PACKAGING INC	0.092	2802.694891	14.579	23.864	19.001	31.102
SAPUTO CHEESE USA FOND DU LAC (SCOTT ST)	0.039	1195.69916	6.220	10.181	19.001	31.102
SILVER MOON SPRINGS	4.043	123166.2548	640.701	1048.726	19.001	31.102
WAUPACA FOUNDRY PLANT 1	0.603	6062.046265	31.534	51.617	6.270	10.264
WEYAUWEGA STAR DAIRY	0.006	182.7844494	0.951	1.556	19.001	31.102
WI DNR WILD ROSE FISH HATCHERY	2.13	64888.47955	337.544	552.507	19.001	31.102
WI DNR WILD ROSE FISH HATCHERY	2.54	77378.75026	402.518	658.858	19.001	31.102
WISCONSIN VENEER AND PLYWOOD INC	0.142	5065.627303	26.351	43.132	22.251	36.421

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