

Attachment #1: Maumee Watershed Nutrient TMDL Tables

Table 1A: Maumee Watershed Nutrient TMDL Table

Allocation Type	Spring Season Total Phosphorus*	Daily Total Phosphorus**
	<i>(metric tons/spring season)</i>	<i>(kilograms/day)</i>
Boundary Condition: Michigan	48.0	313.6
Boundary Condition: Indiana	180.7	1180.9
<i>Wasteload Allocations</i>		
Individual permitted discharging NPDES facilities (<i>facilities in Tables A4.1 + A4.2</i>)	72.2	471.3
Combined Sewage Overflows (<i>facilities in Table A4.3</i>)	0.37	2.4
Permitted industrial stormwater facilities (i.e., multi-sector stormwater general permit (OHR000007) and individual permitted stormwater facilities)	1.45	9.5
Discharging Small Sanitary General Permit (OHS000005)	0.45	3.0
Discharging HSTS General Permit (OHK000004)	14.2	92.9
Construction General Permit (OHC000005)	0.39	2.5
MS4 - City of Toledo (2PI00003)	2.70	17.8
General MS4 Permit (OHQ000004)	16.1	105.3
Wasteload Allocation (total)	107.8	704.8
<i>Load Allocations</i>		
Nonpoint source landscape load	547.0	3575.4
On-site HSTS	8.8	57.8
Load Allocation (total)	555.9	3633.2
Margin of Safety (3%)	20.6	134.5
Allowance for Future Growth (AFG)	1.5	9.8
TOTAL	914.4	5976.8

* = Spring Season is defined as the 153 day time period from March 1 to July 31

** = Metric ton converted to kilograms divided by 153 days

Table 1B: Individual facilities to be covered under future Watershed General Permit, their WLA in the Maumee Watershed Nutrient TMDL and their group tier (MWN TMDL, Table 23 and Table A4.1 of Appendix 4)

<i>Wasteload Allocations</i>				
Permit Number	Facility Name	Spring Season Total Phosphorus*	Daily Total Phosphorus**	Facilities included under future General Permit
		(metric tons/spring season)	(kilograms/day)	Group Tier
2PF00000	Toledo Bay View Park WWTP	27.9	182.1	GP1
2PK00000	Lucas Co WRRF	4.8	31.5	GP1
2PE00000	Lima WWTP #	4.0	25.9	GP1
2PD00008	Findlay WPCF #	3.2	21.0	GP1
2PD00002	Perrysburg WWTP	2.0	13.0	GP2
2PD00013	Defiance WWTP	1.5	9.8	GP2
2PD00019	Wapakoneta WWTP	1.5	9.8	GP2
2PD00006	Van Wert WWTP	1.0	6.5	GP2
2PD00029	Delphos WWTP	1.0	6.2	GP2
2PD00018	Bryan WWTP	0.77	5.1	GP2
2PD00026	St Marys City WWTP	0.75	4.9	GP2
2PD00028	Ottawa WWTP #	0.75	4.9	GP2
2PK00002	Shawnee No 2 WWTP #	0.75	4.9	GP2
2PD00000	Napoleon WWTP	0.62	4.1	GP2
2PD00017	Archbold WWTP	0.62	4.1	GP2
2PB00050	Ada WWTP #	0.50	3.3	GP2
2PC00005	Bluffton WWTP #	0.47	3.1	GP2
2PB00040	Leipsic WWTP	0.37	2.4	GP2
2PD00016	Wauseon WWTP	0.37	2.4	GP2
2PH00007	American-Bath WWTP	0.37	2.4	GP2
2PH00006	American No 2 WWTP	0.30	2.0	GP2
2PD00003	Montpelier WWTP	0.25	1.6	GP2
2PB00025	Swanton WRRF #	0.39	2.5	GP3
2PB00042	Hicksville WWTP	0.40	2.6	GP3
2PB00034	New Bremen WWTP	0.38	2.5	GP3
2PC00004	Columbus Grove WWTP #	0.35	2.3	GP3
2PB00048	Cridersville WWTP #	0.34	2.2	GP3
2PB00046	Elida WWTP	0.34	2.2	GP3
2PB00003	Delta WWTP	0.31	2.0	GP3
2PD00027	Paulding WWTP	0.30	2.0	GP3
2ID00018	Toledo HBI Facility	0.43	2.8	GPX
2IF00004	PCS Nitrogen Ohio LP #	1.8	12.0	GPX
2IG00001	Lima Refinery #	0.6	3.7	GPX
2IH00021	Campbell Soup Supply	2.5	16.3	GPX
2IH00110	Cooper Farms Cooked Meats	0.12	0.81	GPX
2IK00002	G.A. Wintzer and Son Co	0.11	0.69	GPX
2IW00010	McDowell/Bowling Green	0.29	1.9	GPX
2IW00070	Delta WTP	0.18	1.2	GPX
2IW00190	Napoleon WTP	0.14	0.91	GPX

NA	Allowance for future growth	1.4	9.2		--
TOTAL		64.2	418.8		--

* = Spring Season is defined as the 153 day time period from March 1 to July 31

** = Metric ton converted to kilograms divided by 153 days

= These facilities have an existing WLA from a previously approved TMDL (*MWN TMDL, Table A5.1 of Appendix 5*)

Table 1C: Individual facilities' WLA in the Maumee Watershed Nutrient TMDL (MWN TMDL, Table A4.2 of Appendix 4)

<i>Wasteload Allocations</i>			
Permit Number	<i>Facility Name</i>	Spring Season Total Phosphorus*	Daily Total Phosphorus**
		<i>(metric tons/spring season)</i>	<i>(kilograms/day)</i>
2IN00004	General Motors LLC	0.20	1.3
2ID00015	North Star BlueScope Steel LLC	0.065	0.42
2ID00014	Worthington Industries Inc	0.0082	0.054
2IF00008	Chemtrade Logistics Inc	0.034	0.22
2IC00024	Ohio Electro Polishing Co Inc	4.3E-04	0.0028
2IN00030	Pilkington North America Inc	0.0017	0.011
2IH00107	Spangler Candy Co	0.0066	0.043
2IH00113	Bunge North America East LLC	0.015	0.10
2IN00212	Koneta Rubber Co	0.0017	0.011
2IR00025	Federal Mogul Corp	0.061	0.40
2PA00002	Ottoville WWTP	0.40	2.6
2PA00026	Haskins WWTP	0.23	1.5
2PA00029	Grand Rapids WWTP	0.053	0.35
2PA00031	Edon WWTP	0.15	1.0
2PA00047	Kalida STP	0.42	2.7
2PA00049	LaFayette WWTP	0.083	0.54
2PB00005	Convoy WWTP	0.26	1.7
2PB00009	Stryker STP	0.29	1.9
2PB00011	Weston WWTP	0.35	2.3
2PB00021	West Unity STP	0.20	1.3
2PB00030	Ohio City WWTP	0.12	0.75
2PB00039	Liberty Center WWTP	0.37	2.4
2PC00000	Spencerville WWTP #	0.21	1.4
2PG00119	DFGC Black LLC	0.0037	0.024
2PA00017	Sherwood WWTP	0.18	1.2
2PA00019	Payne WWTP	0.12	0.78
2PA00023	Harrod WWTP	0.053	0.35
2PA00050	Arlington WWTP #	0.12	0.8
2PA00052	Fort Jennings WWTP	0.0042	0.028
2PA00054	Uniopolis WWTP #	0.026	0.17
2PA00056	McClure WWTP	0.12	0.77
2PA00058	Mendon WWTP	0.15	1.0
2PA00059	New Knoxville STP	0.14	0.89
2PA00091	Florida WWTP	0.030	0.20
2PA00096	Jenera WWTP	0.026	0.17
2PA00098	Malinta WWTP	0.030	0.20
2PA00099	Wharton WWTP	0.0027	0.018
2PA00103	Buckland WWTP	0.018	0.12
2PB00006	Pioneer WWTP	0.25	1.6
2PB00018	Beaverdam WWTP #	0.042	0.28
2PB00024	Tontogany WWTP	0.084	0.55

2PB00041	Holgate WWTP	0.064	0.42
2PB00043	Hamler WWTP	0.073	0.48
2PB00044	Forest WWTP	0.085	0.56
2PB00045	Fayette WWTP	0.042	0.28
2PB00047	Edgerton WWTP	0.71	4.6
2PB00049	Continental WWTP #	0.049	0.32
2PB00061	Dunkirk WWTP #	0.040	0.26
2PC00002	Deshler WWTP	0.31	2.0
2PD00001	Rockford STP	0.35	2.3
2PG00014	Pettisville WWTP	0.090	0.59
2PG00046	Nettle Lake Area STP	0.028	0.18
2PH00018	Williams Co South Central SD	0.20	1.3
2PR00067	UMC Widewater Retreat and Ministry Ctr	0.0019	0.012
2PR00108	Exit One WWTP	0.0011	0.0071
2PR00272	Lazy River Campground	0.060	0.39
1PR00034	The Way International	0.037	0.24
2PA00013	Willshire WWTP	0.12	0.80
2PA00022	Middle Point WWTP	0.11	0.69
2PA00033	Cecil WWTP	0.015	0.10
2PA00073	Latty WWTP	0.023	0.15
2PA00085	Grover Hill WWTP	0.041	0.27
2PA00100	Westminster WWTP	0.027	0.17
2PA00105	Belmore Wastewater Improvements 2016	0.015	0.096
2PG00013	Sherwood Forest Subdiv	0.016	0.10
2PG00038	Mast Estates WWTP #	0.016	0.11
2PG00049	Middle Gordon Creek Subdiv WWTP	0.0092	0.060
2PG00052	Evergreen Lane Office Complex	7.7E-04	0.0050
2PG00055	Evansport WWTP	0.055	0.36
2PG00067	Norlick Place WWTP	0.046	0.30
2PG00073	Beverly Hills Subdiv	0.017	0.11
2PG00083	Country Acres Golf Club #	0.021	0.14
2PG00084	Hickory Hills WWTP	0.0077	0.050
2PG00086	Hillside Country Living WWTP	0.049	0.32
2PG00087	Lakeland Woods SD	0.032	0.21
2PG00090	Arrowhead Estates WWTP	0.0086	0.056
2PG00092	Pleasantview Estates Subdiv	0.027	0.18
2PG00093	Sharlon Subdiv	0.0061	0.040
2PG00097	NWS Williamsburg on the River WWTP	0.074	0.48
2PG00105	Forest Lane Subdiv	0.0096	0.063
2PG00109	Pleasant View Subdiv	0.017	0.11
2PG00110	Airport Industrial Park	0.0034	0.022
2PG00112	Putnam Co MRDD Brookhill Ctr #	0.0028	0.018
2PG00120	Country Time Subdiv WWTP	0.0066	0.043
2PH00020	Industrial Corridor Sewer System	0.19	1.3
2PP00001	Harrison Lake St. Park WWTP	0.019	0.13
2PP00006	LHS Maumee Youth Center	0.0032	0.021
2PP00019	ODOT Dist 1 Park No 1-26 & 25 (outfall 001) #	0.014	0.092
2PP00019	ODOT Dist 1 Park No 1-26 & 25 (outfall 002)	0.013	0.085

2PP00025	ODOT Rest Area 7-26	0.032	0.21
2PP00026	ODOT Rest Area 7-33	0.0084	0.055
2PP00035	ODOT Park 1-27	0.005	0.033
2PP00047	Kunkle Maintenance Bldg	7.0E-05	4.6E-04
2PR00098	Sycamore Springs Golf Course STU 1 #	3.3E-04	0.0022
2PR00105	Altenloh Brinck & Co US Inc	9.1E-04	0.0060
2PR00126	Wapakoneta Country Club	2.0E-04	0.0013
2PR00129	Kunkle Schoolhouse	1.1E-04	7.3E-04
2PR00141	Manufactured Housing Enterprises Inc	0.0020	0.013
2PR00146	Camp Berry #	0.0019	0.012
2PR00157	Delphos Country Club	2.1E-04	0.0014
2PR00163	Bavarian Club Inc	2.1E-05	1.4E-04
2PR00195	Colonial Golfers Club Inc	6.1E-05	4.0E-04
2PR00256	Wapakoneta Lima S. KOA	0.0050	0.032
2PR00262	Glacier Hill Lakes No 1	0.015	0.098
2PR00276	Motor Inn Auto Truck Stop STU 1	6.3E-04	0.0041
2PR00286	Emerging Streams Ministries	4.1E-05	2.7E-04
2PR00288	Oak Haven Res. Care Center	0.0055	0.036
2PR00294	E-Z Campground	0.0047	0.031
2PR00295	Pioneer Boy Scout Camp	0.0037	0.024
2PR00298	Heritage Springs Cmpgrd	0.0014	0.0094
2PS00015	Timberwoods Camping	4.3E-06	2.8E-05
2PT00018	Northeastern Local Schools	0.0017	0.011
2PT00019	The Ridge Project, Inc.	6.6E-04	0.004
2PT00025	Miller City High Sch WWTP #	0.013	0.084
2PT00031	Cory Rawson Mid & Sr HS #	0.0073	0.048
2PT00037	Riverdale Local Schls	0.018	0.12
2PT00039	Wayne Trace Jr & Sr HS	0.0062	0.040
2PT00043	Hardin-Northern Schools	0.0029	0.019
2PT00056	Sisters of Notre Dame WQT	0.0048	0.032
2PW00006	K/Z Sewer Dist	0.0080	0.052
2PW00007	Country Club Hills Property Owners Assoc WWTP	0.0022	0.015
2PW00018	County Line Investments LCC	0.0013	0.0086
2PW00024	Bentbrook Subdiv WWTP	0.0093	0.061
2PY00005	Maurers MHP	0.030	0.20
2PY00019	Forrest Park MHP	0.0067	0.044
2PY00022	Swanton Meadows MHP #	0.051	0.331
2PY00026	River Bend MHP LLC	0.0028	0.018
2PY00038	PMN Camelot South MHP	0.012	0.079
2PY00043	C. M. Estates LLC	0.0055	0.036
2PY00044	Brentwood MHP	0.0040	0.026
2PY00060	Country Court MHP	0.0023	0.015
2PY00061	Riverview MHP	0.0021	0.014
2PY00064	Grandview LLC DBA Whispering Winds MH Community	0.015	0.098
2PY00065	Park Place	0.018	0.12
2PY00067	Arrowhead Lake MHP (outfall 001) #	0.028	0.18
2PY00067	Arrowhead Lake MHP (outfall 002)	0.014	0.093
2PY00071	Country Side MHP	0.0043	0.028
2PY00076	Lakeside Estates MHP	0.0047	0.031

2PA00039	Rawson WWTP #	0.11	0.71
2PA00045	Mt Blanchard WWTP	0.014	0.094
2PA00016	Vanlue STP #	0.073	0.48
2PA00090	Custar WWTP	0.044	0.29
2PS00014	Huggy Bear Campground	0.060	0.39
2PR00166	Camp Libbey	1.1E-04	7.4E-04
2PH00022	Auglaize River Sewer Lagoon System	0.060	0.39
2PA00095	Ney WWT Lagoon	0.052	0.34
2PR00248	Woodbridge Campground	0.0031	0.021
2PB00031	Oakwood WWTP	0.025	0.17
2PA00037	Antwerp WWTP	0.32	2.1
2PB00029	Pandora WWTP #	0.26	1.7
NA	Allowance for future growth	0.10	0.65
TOTAL		9.6	62.5

* = Spring Season is defined as the 153 day time period from March 1 to July 31

** = Metric ton converted to kilograms divided by 153 days

= These facilities have an existing WLA from a previously approved TMDL (*MWN TMDL, Table A5.1 of Appendix 5*)

Table 1D: WLAs for Combined Sewer Overflows for the Maumee Watershed Nutrient TMDL

<i>CSO Wasteload Allocations</i>			
Permit Number	Facility Name	Spring Season Total Phosphorus*	Daily Total Phosphorus**
		<i>(metric tons/spring season)</i>	<i>(kilograms/day)</i>
2PF00000	Toledo Bay View Park WWTP	0.17	1.1
2PE00000	Lima WWTP	0.083	0.54
2PD00008	Findlay WPCF	0.016	0.11
2PD00019	Wapakoneta WWTP	0.0079	0.052
2PD00000	Napoleon WWTP	2.7E-04	0.0018
2PD00013	Defiance WWTP*	0.032	0.21
2PB00042	Hicksville WWTP	0.032	0.21
2PD00006	Van Wert WWTP	0.020	0.13
2PD00016	Wauseon WWTP	0.012	0.080
2PB00003	Delta WWTP	0.0022	0.014
2PD00029	Delphos WWTP	1.5E-04	0.0010
2PA00019	Payne WWTP	0	0
2PD00002	Perrysburg WWTP	0	0
2PD00003	Montpelier WWTP	0	0
2PB00045	Fayette WWTP	0	0
2PD00027	Paulding WWTP	0	0
2PB00030	Ohio City WWTP	0	0
2PC00004	Columbus Grove WWTP	0	0
2PB00061	Dunkirk WWTP	0	0
2PB00029	Pandora WWTP	0	0
2PB00044	Forest WWTP #	0	0
2PC00002	Deshler WWTP	0	0
2PB00040	Leipsic WWTP	0	0
2PB00025	Swanton WRRF	0	0
TOTAL		0.38	2.45

* = Spring Season is defined as the 153 day time period from March 1 to July 31

** = Metric ton converted to kilograms divided by 153 days

= These facilities have an existing WLA from a previously approved TMDL (*MWN TMDL, Table A5.1 of Appendix 5*)