CHARTER TOWNSHIP OF WATERFORD MICHIGAN
SCHEDULE OF INDEBTEDNESS
YEAR ENDING DECEMBER 31, 2017

			2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038-2047	TOTAL At 12/31
Business-type Activities																								
Repayment Source - Water & Sewer Revenue:																								
Cap. Improv. Bond 2007B (6/2007)	(P)	SRF	180,000.00	180,000.00	185,000.00	185,000.00	185,000.00	190,000.00	190,000.00	195,000.00	200,000.00	187,393.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,877,393.00
Issuance Amt: $3,745,000	(I)		30,507.64	27,582.64	24,657.64	21,651.38	18,645.14	15,638.88	12,551.38	9,463.88	6,295.14	3,045.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	170,038.86
Cap. Improv. Bond 2007C (9/2007)	(P)	DWRF	435,000.00	445,000.00	455,000.00	465,000.00	475,000.00	485,000.00	495,000.00	505,000.00	515,000.00	525,000.00	538,831.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,338,831.00
Issuance Amt: $8,905,000	(I)		108,828.28	99,478.28	89,915.78	80,140.78	70,153.28	59,953.28	49,540.78	38,915.78	28,078.28	17,028.28	5,725.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	647,757.88
OMI Bonds 2010A (2/2010)	(P)	Adj amt:	158,837.44	162,875.68	167,586.96	171,625.20	175,663.44	180,374.72	185,086.00	189,797.28	194,508.56	199,219.84	204,604.16	209,315.44	214,699.76	220,084.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,634,278.56
Issuance Amt: $5,653,540	(I)	3,510,040	63,871.49	59,850.08	55,719.30	51,479.15	47,138.04	42,687.56	38,119.30	33,433.26	28,629.44	23,707.83	18,660.03	13,486.04	8,185.85	2,751.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	487,718.40
OMI Bonds 2010B (5/2010)	(P)		37,890.24	39,709.36	41,728.48	43,747.60	45,766.72	48,458.88	51,151.04	53,843.20	56,535.36	59,900.56	62,592.72	66,630.96	69,996.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	677,751.28
Issuance Amt: $901,875	(I)		36,373.10	34,620.17	32,664.65	30,526.74	28,209.80	25,687.92	22,973.55	20,045.15	16,899.36	13,521.04	9,907.49	6,095.39	2,064.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	279,589.24
OMI Bonds 2011A (1/2012)	(P)		162,619.38	186,751.04	191,709.04	196,667.03	200,798.69	206,583.01	211,541.00	216,499.00	222,283.32	228,067.65	233,025.64	238,809.96	245,420.62	251,204.94	257,815.60	263,600.08	0.00	0.00	0.00	0.00	0.00	3,533,396.00
Issuance Amt: $4,219,251	(I)		88,334.90	83,769.42	79,100.64	74,307.90	69,391.24	64,371.26	59,206.70	53,918.16	48,505.70	42,948.60	37,246.92	31,421.28	25,451.02	19,315.52	13,035.38	6,590.00	0.00	0.00	0.00	0.00	0.00	796,914.64
Limited Tax General Obligation	(P)		339,207.00	350,838.00	366,346.00	234,528.00	246,159.00	253,656.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,790,934.00
ReFunding Bond 5/2012	(I)	0.7754	56,177.74	45,593.52	34,660.38	23,262.00	15,818.14	8,025.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183,537.18
Issuance Amt: 4,265,000 (Water & Sewer Portion 77.54%)																								
DWRF Bond 2013A (6/2013)	(P)		310,000.00	320,000.00	325,000.00	330,000.00	335,000.00	345,000.00	350,000.00	360,000.00	365,000.00	370,000.00	380,000.00	385,000.00	395,000.00	405,000.00	410,000.00	84,225.00	0.00	0.00	0.00	0.00	0.00	5,469,225.00
Issuance Amt: $6,994,654.00	(I)		116,200.00	110,000.00	103,600.00	97,100.00	90,500.00	83,800.00	76,900.00	69,900.00	62,700.00	55,400.00	48,000.00	40,400.00	32,600.00	24,700.00	16,600.00	8,400.00	0.00	0.00	0.00	0.00	0.00	1,036,800.00
SRF Bond 2013B (9/2013)	(P)		175,000.00	180,000.00	185,000.00	185,000.00	190,000.00	195,000.00	200,000.00	205,000.00	205,000.00	210,000.00	215,000.00	220,000.00	225,000.00	230,000.00	235,000.00	240,000.00	245,000.00	143,293.00	0.00	0.00	0.00	3,683,293.00
Issuance Amt: $4,130,000.00	(I)		73,950.00	70,400.00	66,750.00	63,050.00	59,300.00	55,450.00	51,500.00	47,450.00	43,350.00	39,200.00	34,950.00	30,600.00	26,150.00	21,600.00	16,950.00	12,200.00	7,350.00	2,450.00	0.00	0.00	0.00	722,650.00
OMI Bonds 2013A (8/2013)	(P)		402,117.02	409,890.81	418,371.31	426,851.81	435,332.31	443,812.81	453,000.02	461,480.52	471,374.44	480,561.64	490,455.56	499,642.77	510,243.39	520,137.31	530,737.93	541,338.56	131,354.79	0.00	0.00	0.00	0.00	7,626,703.00
Issuance Amt: $9,206,995.73	(I)		160,945.74	152,903.40	144,705.60	136,338.16	127,801.12	119,094.48	110,218.22	101,158.22	91,928.62	82,501.12	72,889.90	63,080.78	53,087.92	42,883.08	32,480.32	21,865.56	11,038.78	0.00	0.00	0.00	0.00	1,524,921.00
Oakland Cty-CRWRRF (6/2017)	(P)		0.00	88,029.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88,029.00
Issuance Amt: $3,006,309	(I)		75157.72	75,157.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150,315.44
Repayment Source - Water & Sewer Revenue:																								
ERC-Campus LED Project(10/2016)	(P)		2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	2,030.64	18,270.49	56,883.29
Note Payable Amt: $61,336.98	(I)		12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	12,817.80	115,360.20	371,716.20
Total business-type principal			2,222,501.72	2,365,124.53	2,337,772.43	2,240,450.28	2,290,750.80	2,350,116.06	2,137,808.70	2,188,650.64	2,231,732.32	2,262,173.33	2,126,539.72	1,621,429.77	1,662,390.57	1,628,456.97	1,435,584.17	1,131,194.28	378,385.43	145,323.64	2,030.64	2,030.64	18,270.49	32,778,717.13
Total business-type interest			823,164.41	772,173.03	644,591.79	590,673.91	539,774.56	487,526.58	433,827.73	387,102.25	339,204.34	290,169.81	240,197.22	197,901.29	160,357.47	124,067.41	91,883.50	61,873.36	31,206.58	15,267.80	12,817.80	12,817.80	115,360.20	6,371,958.84
Business-type total			3,045,666.13	3,137,297.56	2,982,364.22	2,831,124.19	2,830,525.36	2,837,642.64	2,571,636.43	2,575,752.89	2,570,936.66	2,552,343.14	2,366,736.94	1,819,331.06	1,822,748.04	1,752,524.38	1,527,467.67	1,193,067.64	409,592.01	160,591.44	14,848.44	14,848.44	133,630.69	39,150,675.97
Governmental Activities																								
Repayment Source - Debt Millage:																								
Gen Obligation Bonds 6/2009	(P)		1,360,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,360,000.00
Issuance Amt: $9,515,000	(I)		23,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23,800.00
Repayment Source - Motor Pool Revenue (Transfers):																								
Int Svc Fund-Motor Pool 2/2015	(P)		134,476.66	136,991.38	139,553.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	411,021.16
Install Purch Agree - $811,783	(I)		7,686.10	5,171.38	2,609.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,467.12
Int Svc Fund-Motor Pool 3/2016	(P)		36,737.80	37,490.92	38,259.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112,488.21
Install Purch Agree - $187,212	(I)		2,306.01	1,552.89	784.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,643.22
Repayment Source - General Fund Revenue:																								
Limited Tax General Obligation	(P)		115,793.00	119,162.00	123,654.00	85,472.00	88,841.00	91,144.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	624,066.00
ReFunding Bond 5/2012	(I)	0.2246	16,272.26	13,206.48	10,039.62	6,738.00	4,581.86	2,324.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53,162.82
Issuance Amt: 4,265,000.00 (General Gund Portion: 22.46%)																								
Repayment Source - General Fund Revenue:																								
ERC-Campus LED Project 10/2016	(P)		8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	72,690.43	234,215.23
Note Payable Amt: $243,974.02	(I)		50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	458,777.52	1,478,283.12
Total governmental principal	(P)		1,655,083.70	301,720.54	309,542.85	93,548.24	96,917.24	99,220.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	8,076.24	72,690.43	2,741,790.60
Total governmental interest	(I)		101,039.65	70,906.03	64,408.86	57,713.28	55,557.14	53,299.88	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	50,975.28	458,777.52	1,575,356.28
Governmental total			1,756,123.35	372,626.57	373,951.71	151,261.52	152,474.38	152,520.12	59,051.52	59,051.52	59,051.52	59,051.52	59,051.52	59,051.52	59,051.52	59,051.52	59,051.52	59,051.52	59,051.52	59,051.52	59,051.52	59,051.52	531,467.95	4,317,146.88
Total Principal			3,877,585.42	2,666,845.07	2,647,315.28	2,333,998.52	2,387,668.04	2,449,336.30	2,145,884.94	2,196,726.88	2,239,808.56	2,270,249.57	2,134,615.96	1,629,506.01	1,670,466.81	1,636,533.21	1,443,660.41	1,139,270.52	386,461.67	153,399.88	10,106.88	10,106.88	90,960.92	35,520,507.73
Total Interest			924,204.06	843,079.06	709,000.65	648,387.19	595,331.70	540,826.46	484,803.01	438,077.53	390,179.62	341,145.09	291,172.50	248,876.57	211,332.75	175,042.69	142,858.78	112,848.64	82,181.86	66,243.08	63,793.08	63,793.08	574,137.72	7,947,315.12
Total Obligation			**$4,801,789.48**	**$3,509,924.13**	**$3,356,315.93**	**$2,982,385.71**	**$2,982,999.74**	**$2,990,162.76**	**$2,630,687.95**	**$2,634,804.41**	**$2,629,988.18**	**$2,611,394.66**	**$2,425,788.46**	**$1,878,382.58**	**$1,881,799.56**	**$1,811,575.90**	**$1,586,519.19**	**$1,252,119.16**	**$468,643.53**	**$219,642.96**	**$73,899.96**	**$73,899.96**	**$665,098.64**	**$43,467,822.85**