OPERATIONS & MAINTENANCE FUND BY OPERATING		W 2010 them EV 2022	`					As of							
DISCUSSION DRAFT - FY 2019 & FY 2020 Biennial Budg	get and Five Year Plan (F	Y 2019 thru FY 2023)					10/31/2017 Benchmark							
Fund #	(Multiple Items)							Denchinark							
	(Multiple items)							= 33%							
							Sum of FY			Sum of FY			Sum of FY		
	Sum of FY 2017	Sum of FY 2017	Sum of FY 2017	Sum of	Sum of FY 2018	Sum of FY 2018	2018 Activity	Sum of FY	Sum of FY 2019	2019 \$	Sum of FY 2019	Sum of FY	2020 %	Sum of FY 2021	Sum of FY
	Original Budget	Amended Budget	Activity	FY 2017 %	Original Budget	Amended Budget	thru	2018 Year-to-	Request	Increase/	% Increase/	2020 Request	Increase/	Request	2022 Request
Row Labels				Year-to-Date			10.31.2017	Date %		Decrease	(Decrease)		(Decrease)		
Water Operating & Field Services	120,699,200	119,349,800	86,556,600	72.5%	118,077,700	118,077,700	24,273,400	20.6%	118,140,100	62,400	0.1%	129,704,500	9.8%	127,968,700	131,894,900
Chief Operating Officer - Water Operations &															
Field Services	259,500	259,500	285,200	109.9%	499,400	499,400	97,300	19.5%	601,000	101,600	20.3%	602,600	0.3%	604,200	605,800
COO - Water Operations & Field Services	259,500	259,500	285,200	109.9%	499,400	499,400	97,300	19.5%	601,000	101,600	20.3%	602,600	0.3%	604,200	605,800
Water Director	431,000	431,000	728,800	169.1%	1,145,800	1,145,800	246,500	21.5%	1,316,300	170,500	14.9%	1,336,500	1.5%	1,354,100	1,371,600
Water Director	431,000	431,000	728,800	169.1%	1,145,800	1,145,800	246,500	21.5%	1,316,300	170,500	14.9%	1,336,500	1.5%	1,354,100	1,371,600
Water Operations	50,357,500	50,357,500	46,160,900	91.7%	52,110,100	52,110,100	11,744,200	22.5%	50,582,200	(1,527,900)	-2.9%	54,611,500	8.0%	50,426,800	51,061,800
Lake Huron Water Plant	12,808,200	12,808,200	11,023,800	86.1%	12,923,100	12,923,100	2,269,000	17.6%	12,565,400	(357,700)	-2.8%	12,584,100	0.1%	12,602,800	
Northeast Water Plant	10,308,300	10,308,300	8,875,500	86.1%	10,483,400	10,483,400	2,995,300	28.6%	9,588,100	(895,300)	-8.5%	10,764,900	12.3%	9,695,700	
Southwest Water Plant	6,648,800	6,648,800	8,022,000	120.7%	6,730,600	6,730,600	1,821,100	27.1%	6,794,600	64,000	1.0%	9,082,600	33.7%	7,032,300	6,910,200
Springwells Water Plant	11,291,100	11,291,100	9,620,900	85.2%	11,643,600	11,643,600	2,349,600	20.2%	11,601,800	(41,800)	-0.4%	12,190,400	5.1%	11,087,600	
Water Works Park	9,301,100	9,301,100	8,618,700	92.7%	10,329,400	10,329,400	2,309,200	22.4%	10,032,300	(297,100)	-2.9%	9,989,500	-0.4%	10,008,400	
Energy Management	508,000	508,000	365,600	72.0%	161,100	161,100	146,400	90.9%	385,100	224,000	139.0%	1,191,900	209.5%	521,400	444,800
Pumping Stations	9,555,700	9,555,700	9,106,400	95.3%	8,925,100	8,925,100	2,430,600	27.2%	9,420,700	495,600	5.6%	9,420,700	0.0%	9,420,700	9,420,700
Facility and Fleet Operations	16,016,600	16,016,600	7,127,300	44.5%	13,438,900	13,438,900	1,335,400	9.9%	11,985,400	(1,453,500)	-10.8%	11,993,700	0.1%	12,002,100	12,010,400
Facility Operations	13,865,700	13,865,700	4,765,600	34.4%	11,288,000	11,288,000	1,334,300	11.8%	9,634,500	(1,653,500)	-14.6%	9,642,800	0.1%	9,651,200	9,659,500
Fleet Operations	2,150,900	2,150,900	2,361,700	109.8%	2,150,900	2,150,900	1,100	0.1%	2,350,900	200,000	9.3%	2,350,900	0.0%	2,350,900	2,350,900
Field Services	18,677,300	18,677,300	5,877,600	31.5%	18,654,900	18,654,900	4,438,500	23.8%	20,549,000	1,894,100	10.2%	20,477,100	-0.3%	20,311,800	20,330,900
Field Engineering	436,100	436,100	1,018,500	233.5%	761,500	761,500	254,900	33.5%	485,600	(275,900)	-36.2%	482,900	-0.6%	476,800	485,200
Field Service Operations	17,899,400	17,899,400	4,732,900	26.4%	17,494,100	17,494,100	3,965,300	22.7%	17,192,400	(301,700)	-1.7%	17,118,400	-0.4%	16,954,300	16,960,100
Field Services Director	341,800	341,800	126,200	36.9%	399,300	399,300	218,300	54.7%	2,871,000	2,471,700	619.0%	2,875,800	0.2%	2,880,700	2,885,600
Research Innovation	0	0	0	N/A	0	0	-	N/A	1,115,900	1,115,900	N/A	1,582,200	41.8%	1,232,100	1,098,800
Systems Operations Control	19,243,900	19,243,900	14,223,300	73.9%	19,226,600	19,226,600	3,062,500	15.9%	18,527,200	(699,400)	-3.6%	18,574,300	0.3%	18,621,800	18,670,100
Water Engineering	1,148,000	1,148,000	1,535,300	133.7%	920,700	920,700	293,900	31.9%	968,700	48,000	5.2%	1,016,800	5.0%	1,022,400	1,029,500
Water Quality	652,300	652,300	1,146,200	175.7%	958,600	958,600	478,100	49.9%	1,147,700	189,100	19.7%	1,145,400	-0.2%	1,152,200	1,158,300
Water System Operations Unallocated	3,849,400	2,500,000	0	0.0%	2,036,500	2,036,500	-	0.0%	1,540,900	(495,600)	-24.3%	7,751,800	403.1%	11,299,100	14,692,200
Wastewater Operating Services	122,411,800	122,411,800	101,387,700	82.8%	118,318,700	118,318,700	27,356,900	23.1%	122,999,100	4,680,400	4.0%	136,562,400	11.0%	143,262,800	
Wastewater Operations	98,992,000	96,895,300	89,200,000	92.1%	95,278,000	95,278,000	20,137,900	21.1%	87,249,900	(8,028,100)	-8.4%	89,562,100	2.7%	91,137,500	
Wastewater Operations	78,326,000	63,454,600	60,344,400	95.1%	62,034,100	62,034,100	15,878,900	25.6%	28,068,200	(33,965,900)	-54.8%	28,299,800	0.8%	28,782,400	
Wastewater Primary Process	932,000	6,807,200	3,290,700	48.3%	775,000	775,000	231,900	29.9%	7,514,800	6,739,800	869.7%	7,668,700	2.0%	7,814,300	7,918,900
Wastewater Secondary Process	492,000	5,105,100	5,376,100	105.3%	1,302,000	1,302,000	575,000	44.2%	11,063,300	9,761,300	749.7%	12,527,600	13.2%		
Wastewater Dewatering Process	2,140,000	4,081,800	2,118,300	51.9%	2,700,000	2,700,000	359,500	13.3%	6,325,300	3,625,300	134.3%	6,538,500	3.4%		6,704,600
Wastewater Incineration Process	562,000	906,600	2,058,000	227.0%	1,196,100	1,196,100	247,200	20.7%	5,872,400	4,676,300	391.0%	5,910,000	0.6%		
BDF, COF & Hauling	16,495,000	16,495,000	15,706,000	95.2%	24,199,500	24,199,500	2,832,900	11.7%	23,155,700	(1,043,800)	-4.3%	23,579,600	1.8%		
Wastewater Process Control	45,000	45,000	306,500	681.1%	3,071,300	3,071,300	12,500	0.4%	5,250,200	2,178,900	70.9%	5,037,900	-4.0%	5,070,800	5,159,900
Combined Sewer Overflow Facilities	4,539,600	5,110,700	6,198,800	121.3%	7,892,900	7,892,900	1,162,300	14.7%	13,904,500	6,011,600	76.2%	12,729,700	-8.4%		
7 Mile Combined Sewer Overflow	55,600	55,600	121,800	219.1%	285,000	285,000	20,300	7.1%	172,000	(113,000)	-39.6%	144,800	-15.8%		
Baby Creek Combined Sewer Overflow	405,000	405,000	628,200	155.1%	1,147,800	1,147,800	140,900	12.3%	3,569,100	2,421,300	211.0%	3,040,400	-14.8%	2,932,300	
Belle Isle Combined Sewer Overflow	105,600	105,600	82,500	78.1%	164,000	164,000	35,500	21.6%	124,000	(40,000)	-24.4%	111,700	-9.9%		
Combined Sewer Overflow	1,552,600	2,123,700	1,623,700	76.5%	1,739,800	1,739,800	446,800	25.7%	5,793,300	4,053,500	233.0%	5,355,400	-7.6%		
Connor Creek Combined Sewer Overflow	838,600	838,600	1,560,600	186.1%	1,404,400	1,404,400	268,800	19.1%	1,471,200	66,800	4.8%	1,503,100	2.2%		
Hubble Southfield CSO	438,400	438,400	383,000	87.4%	510,800	510,800	76,600	15.0%	444,900	(65,900)	-12.9%	454,900	2.2%		
Leib Combined Sewer Overflow	175,000	175,000	122,900	70.2%	595,800	595,800	42,900	7.2%	255,500	(340,300)	-57.1%	225,600	-11.7%		
Oakwood Combined Sewer Overflow	681,900	681,900	1,447,500	212.3%	946,700	946,700	93,900	9.9%	1,588,200	641,500	67.8%	1,504,400	-5.3%		
Puritan Fenkell Combined Sewer Overflow	126,600	126,600	138,500	109.4%	549,600	549,600	11,700	2.1%	255,100	(294,500)	-53.6%	170,500	-33.2%		
St Aubin Combined Sewer Overflow	160,300	160,300	90,100	56.2%	549,000	549,000	24,900	4.5%	231,200	(317,800)	-57.9%	218,900	-5.3%		
Pumping Stations	3,881,300	3,881,300	1,378,100	35.5%	2,256,000	2,256,000	316,800	14.0%	2,859,000	603,000	26.7%	2,859,000	0.0%	2,859,000	2,859,000
Industrial Waste Control	5,404,000	5,871,800	4,887,800	83.2%	4,944,600	4,944,600	1,563,100	31.6%	2,956,800	(1,987,800)	-40.2%	2,655,100	-10.2%	2,667,300	2,689,700

OPERATIONS & MAINTENANCE FUND BY OPERATING AREA AND GROUP As of DISCUSSION DRAFT - FY 2019 & FY 2020 Biennial Budget and Five Year Plan (FY 2019 thru FY 2023) 10/31/2017 Benchmark Fund # (Multiple Items) = 33% Sum of FY Sum of FY Sum of FY 2017 Sum of FY 2017 Sum of FY 2017 Sum of Sum of FY 2018 Sum of FY 2018 2018 Activity Sum of FY Sum of FY 2019 2019 \$ Sum of F **Original Budget Amended Budget** FY 2017 % Original Budget Amended Budget thru 2018 Year-to-Request Increase/ % Incre Activity Year-to-Date 10.31.2017 Date % **Row Labels** Decrease (Decre 771,200 753,800 97.7% 1,060,700 1,060,700 200,200 18.9% 4,109,700 3,049,000 Wastewater Laboratories 0 1,704,200 256.3% 2,735,700 2,735,700 604,900 22.1% 469,800 664,800 978,800 (1,756,900)Wastewater Engineering **Chief Operating Officer - Wastewater Operations** 0 N/A 0 - N/A 1,653,700 1,653,700 N/A 0 0 0 Wastewater Director 1.408.200 1.499.800 2.032.800 135.5% 3.730.800 3.730.800 634,900 17.0% 4,808,800 1.078.000 2,736,800 N/A Wastewater Fire Damage 1,000,000 1,000,000 1,753,200 175.3% 0 0 0 0 N/A Legal Settlement & Claims - Operating (6,521,000) N/A 0 0 0 0 - N/A 0 0 N/A Wastewater System Operations Unallocated 6,716,900 6,716,900 0.0% 420,000 420,000 0.0% 4,477,900 4,057,900 0 Planning Services 7,868,500 7,319,400 6,211,400 84.9% 13,209,900 13,209,900 2,957,300 22.4% 12,231,800 (978,100) **Capital Improvement Planning** 0 0 N/A 0 741,300 741,300 N/A 0 0 - N/A 567,900 39.3% 367,200 (1,078,800)Chief Planning Officer 293,900 310,300 438,400 141.3% 1,446,000 1,446,000 (333,700) -212.8% 1,832,400 1,832,400 331,500 18.1% **Planning Services** 215,400 710,100 1,665,000 (167,400) 8,697,800 64.6% 1,554,400 17.9% (529,500) 5,810,000 5,810,000 3,754,300 8.697.800 8,168,300 Systems Analytics 503,500 Systems Planning 1,549,200 1,532,800 1,308,600 85.4% 1,233,700 1,233,700 40.8% 1,290,000 56,300 **Administrative & Compliance Services** 18.210.200 43.011.600 37.949.100 88.2% 39.726.200 39,726,200 11,811,500 29.7% 38.681.700 (1.044.500)**Chief Administrative Officer** 156,900 156,900 471,100 300.3% 654,300 654,300 152,000 23.2% 675,700 21,400 3,540,700 3,540,700 2,559,200 72.3% 3,074,800 3,074,800 850,700 **General Counsel** 27.7% 3,288,200 213,400 8,741,500 Information Technology 7,289,000 32,090,400 29,709,600 92.6% 28,135,200 28,135,200 31.1% 27,760,000 (375,200) Info Technology Business Applications 1,879,000 1,730,200 3,927,300 227.0% 5,205,100 5,205,100 1,691,100 32.5% 5,010,600 (194, 500)Info Technology Enterprise Applications 547,100 2,222,300 839,600 37.8% 2,032,100 2,032,100 566,100 27.9% 2,232,900 200,800 24,727,500 19,984,300 80.8% 15,794,800 15,794,800 4,372,500 27.7% (1, 148, 700)Info Technology Infrastructure 452,200 14,646,100 258,500 Info Technology Security & Risk 0 140.000 (1.252.600)-894.7% 283.200 283.200 91.3% 521,200 238,000 1,374,000 Info Technology Service Delivery 353,900 3,213,800 3,406,900 106.0% 3,177,700 3,177,700 43.2% 3,633,100 455,400 Information Technology 0 0 0 N/A 0 0 - N/A 0 0 N/A 1,007,000 276.100 1,132,900 InfoTechnology Project Management Office 142,600 327,600 929,400 283.7% 1,007,000 27.4% 125,900 Office of the CIO 3,914,200 (271,000)1,874,700 -691.8% 635,300 635,300 203,200 32.0% 583,200 (52, 100)**Organizational Development** 3,229,500 3,229,500 2,172,100 67.3% 4,131,200 4,131,200 755,600 18.3% 4,117,400 (13,800) 3,994,100 3,037,100 76.0% 3,730,700 3,730,700 1,311,700 35.2% 2,840,400 (890,300) **Risk Management and Safety** 3,994,100 13,940,200 13,940,300 14,268,200 102.4% 13,054,200 13,054,200 3,827,100 29.3% 13,585,400 **Financial Services** 531,200 844,300 109,700 Chief Financial Officer 580,800 326,200 56.2% 562,500 562,500 19.5% 711,300 148,800 Data Analytics & Internal Audit 375,000 375,100 308,900 82.4% 496,500 496,500 104,800 21.1% 479,700 (16,800) **Financial Planning & Analysis** 0 510.300 507,000 99.4% 897.600 897.600 277,700 30.9% 1,002,200 104.600 5,155,000 125.4% 3,584,000 3,584,000 1,170,400 32.7% 2,992,500 **Financial Reporting & Accounting** 3,958,700 4,111,900 (591, 500)4,594,800 4,594,800 4,064,600 88.5% 4,399,400 4,399,400 1,358,200 30.9% Procurement 4,788,200 388,800 86.000 0 0 N/A 1,106,900 1,106,900 7.8% 1,545,800 438,900 **Construction and Contract Services** 0 156,500 Logistics and Materials 0 0 0 N/A 1,561,600 1,561,600 10.0% 1,550,000 (11,600)Procurement 4,594,800 4,594,800 4,064,600 88.5% 824,800 824,800 993,500 120.5% 592,800 (232,000)906,100 906,100 122,200 13.5% 1,099,600 193,500 Supply Chain Operations 0 0 0 N/A 1,000,400 91.9% 938,600 938,600 348,600 37.1% 193,600 **Public Finance** 1,088,000 1,088,000 1,132,200 200,700 119,300 1,454,000 1,165,100 80.1% 1,113,500 1,113,500 18.0% 1,232,800 Transformation 1,454,000 Transition 1,248,000 848,000 1,275,100 150.4% 0 0 72,700 N/A 0 0 N/A 377,400 377.400 465,900 123.4% 1.062.100 1,062,100 184,300 17.4% 1,246,500 184.400 Treasury 2,238,800 5,107,000 5,386,300 5,423,700 100.7% 6,356,700 6,356,700 752,400 **Chief Executive Officer** 35.2% 7,109,100 **Board of Directors** 197,000 197,000 2,300 1.2% 197,000 197,000 59,900 30.4% 198,900 1,900 262,200 773,700 773,700 458,000 59.2% 567,900 567,900 46.2% 616,500 48,600 **Chief Executive Officer** Chief Security & Integrity Officer 3,423,100 3,423,100 4,034,100 117.8% 4,320,500 4,320,500 1,648,000 38.1% 5,082,200 761,700

713,200

0

0

992,500

(23, 182, 300)

(23, 182, 300)

929,300

0

0

93.6%

0.0%

0.0%

1,271,300

3,897,400

3,897,400

Public Affairs

Unallocated Reserve

Unallocated Reserve

Great Lakes Water Authority

1,271,300

3,897,400

3,897,400

268,700

21.1%

0.0%

0.0%

1,211,500

5,686,600

5,686,600

(59,800)

1,789,200

1,789,200

		Sum of FY		
FY 2019	Sum of FY	2020 %	Sum of FY 2021	Sum of FY
ease/	2020 Request	Increase/	Request	2022 Request
ease)		(Decrease)		
287.5%	3,710,200	-9.7%	3,450,400	3,379,700
-64.2%	1,231,400	25.8%	987,400	991,900
	1,660,300	0.4%	1,666,900	1,673,500
28.9%	4,788,700	-0.4%	4,797,900	4,809,200
	0	N/A	0	0
	0	N/A	0	0
966.2%	17,365,900	287.8%	22,859,600	28,166,400
-7.4%	15,322,500	25.3%	14,508,400	13,324,600
	888,900	19.9%	892,700	896,500
-74.6%	518,800	41.3%	522,800	522,400
-9.1%	3,063,600	84.0%	2,994,500	2,159,000
-6.1%	9,236,100	13.1%	7,468,300	7,103,700
4.6%	1,615,100	25.2%	2,630,100	2,643,000
-2.6%	45,615,200	17.9%	45,346,400	45,379,600
3.3%	689,100	2.0%	702,200	715,300
6.9%	3,260,000	-0.9%	3,214,300	3,218,500
-1.3%	32,583,400	17.4%	32,330,200	32,328,100
-3.7%	5,160,300	3.0%	5,196,600	5,249,000
9.9%	2,419,800	8.4%	2,382,000	2,454,300
-7.3%	18,392,800	25.6%	18,106,200	17,909,200
84.0%	637,400	22.3%	638,800	640,200
14.3%	4,039,700	11.2%	4,091,200	4,117,900
	0	N/A	0	0
12.5%	1,361,700	20.2%	1,336,900	1,372,100
-8.2%	571,700	-2.0%	578,500	585,400
-0.3%	4,437,900	7.8%	4,451,400	4,464,900
-23.9%	4,644,800	63.5%	4,648,300	4,652,800
4.1%	13,639,800	0.4%	13,714,500	13,783,700
26.5%	716,000	0.7%	720,700	725,000
-3.4%	480,800	0.2%	481,900	483,000
11.7%	956,400	-4.6%	959,900	964,100
-16.5%	3,033,200	1.4%	3,044,600	3,056,000
8.8%	4,748,500	-0.8%	4,769,800	4,790,500
39.7%	1,452,400	-6.0%	1,459,000	1,465,500
-0.7%	1,557,500 594,800	0.5%	1,565,000	1,572,500 598,800
-28.1%	-	0.3%	596,800	
21.4%	1,143,800	4.0%	1,149,000	1,153,700
20.6%	1,167,300	3.1%	1,173,100	1,173,200 1,271,500
10.7%	1,267,000	2.8%	1,269,500	
17 /0/	0 1 270 600	N/A 1 9%	0 1 295 000	0 1 220 /00
17.4% 11.8%	1,270,600 7,199,900	1.9% 1.3%	1,295,000 7,223,400	1,320,400
11.8%	200,900	1.3%	203,000	7,274,800 205,000
8.6%	620,300	0.6%	624,200	203,000 628,100
8.6% 17.6%	5,129,300	0.8%	5,136,700	5,162,000
-4.7%	1,249,400	0.9% 3.1%	1,259,500	1,279,700
-4.7% 45.9%	1,249,400 6,874,000	3.1% 20.9%	6,816,000	1,279,700 8,198,400
45.9%	6,874,000	20.9%	6,816,000	8,198,400
43.9%	0,074,000	20.9%	0,010,000	0,196,400

Great Lakes Water Authority															
OPERATIONS & MAINTENANCE FUND BY OPERATING	G AREA AND GROUP							As of							
DISCUSSION DRAFT - FY 2019 & FY 2020 Biennial Budget and Five Year Plan (FY 2019 thru FY 2023)								10/31/2017							
								Benchmark							
Fund #	(Multiple Items)														
		_						= 33%							
							Sum of FY			Sum of FY			Sum of FY		
	Sum of FY 2017	Sum of FY 2017	Sum of FY 2017	Sum of	Sum of FY 2018	Sum of FY 2018	2018 Activity	Sum of FY	Sum of FY 2019	2019 \$	Sum of FY 2019	Sum of FY	2020 %	Sum of FY 2021	Sum of FY
	Original Budget	Amended Budget	Activity	FY 2017 %	Original Budget	Amended Budget	thru	2018 Year-to-	Request	Increase/	% Increase/	2020 Request	Increase/	Request	2022 Request
Row Labels				Year-to-Date			10.31.2017	Date %		Decrease	(Decrease)		(Decrease)		
Administrative Services Unallocated Res	0	395,300	0	0.0%	2,000,000	2,000,000	-	0.0%	2,250,500	250,500	12.5%	4,000,000	77.7%	3,456,000	4,147,200
Unallocated Reserve	0	395,300	0	0.0%	2,000,000	2,000,000	-	0.0%	2,250,500	250,500	12.5%	4,000,000	77.7%	3,456,000	4,147,200
Centralized Services Unallocated Res	0	(23,577,600)	0	0.0%	1,897,400	1,897,400	-	0.0%	3,436,100	1,538,700	81.1%	2,874,000	-16.4%	3,360,000	4,051,200
Unallocated Reserve	0	(23,577,600)	0	0.0%	1,897,400	1,897,400	-	0.0%	3,436,100	1,538,700	81.1%	2,874,000	-16.4%	3,360,000	4,051,200
Grand Total	288,236,900	288,236,900	251,796,700	87.4%	312,640,800	312,640,800	72,465,000	23.2%	318,433,800	5,793,000	1.9%	354,918,300	11.5%	358,840,200	369,626,800