

REFB590 Combined.xls
590 Assumptions

FY2014-FY2016 Budget	Actual		Budget				YOY B(W)					
	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2011 vs FY2010	FY2012 vs FY2011	FY2013 vs FY2012	FY2014 vs FY2013	FY2015 vs FY2014	FY2016 vs FY2015
Sewer DWSD Rates												
Rates Charged By the City of Detroit:												
Metered East	\$ 8.28	\$ 7.72	\$ 7.70	\$ 7.98			5.1%	-6.8%	-0.3%	3.6%		
Metered West	\$ 9.36	\$ 6.38	\$ 6.35	\$ 6.58			1.8%	-31.8%	-0.5%	3.6%		
Unmetered N. East	\$ 21.11	\$ 10.22	\$ 10.33	\$ 10.71			11.0%	-51.6%	1.1%	3.7%		
Fixed Monthly Charges: Annualized												
East (stormwater only)	\$ 834,816	\$ 967,716	\$ 955,752	\$ 990,840			-0.3%	15.9%	-1.2%	3.7%		
East	1,622,376	2,510,376	2,815,308	2,918,652			27.2%	54.7%	12.1%	3.7%		
N. East	360,636	765,972	843,888	874,860			19.1%	112.4%	10.2%	3.7%		
West	1,454,568	3,531,864	3,756,276	3,894,137			55.9%	142.8%	6.4%	3.7%		Provided by Eric as initial
	\$ 4,272,396	\$ 7,775,928	\$ 8,371,224	\$ 8,678,489			27.6%	82.0%	7.7%	3.7%		
Sewer Usage-Billable Cons.-MCF	1,125,765	1,067,415	1,127,811	not available yet			8.7%	-5.2%	5.7%	not available yet		
Cost of Merchandise for Resale:												
Sewerage Division	\$ 14,321,093	\$ 15,272,257	\$ 16,234,320	\$ 17,289,550	\$ 18,413,400	\$ 19,610,250	13.6%	6.6%	6.3%	6.5%	6.5%	6.5%
CSO Division	\$ -	\$ 483,924	\$ 514,400	\$ 547,850	\$ 583,500	\$ 621,400	100.0%	100.0%	6.3%	6.5%	6.5%	6.5%
			Proj									
DBN Rates												
Commodity Charge	\$ 30.38	\$ 31.95	\$ 34.50	\$ 36.50			6.2%	5.2%	8.0%	5.8%		
Capacity Minimum Charge	\$ 26.53	\$ 28.84	\$ 31.18	\$ 32.99			6.0%	8.7%	8.1%	5.8%		
Consumption Billing Units	690,000	690,000	640,000	640,000			-1.4%	0.0%	-7.2%	0.0%		
Capacity Equivalent Units	207,090	206,876	206,492	206,492			0.0%	-0.1%	-0.2%	0.0%		
Commodity Billing Revenue	\$ 18,623,602	\$ 19,814,297	\$ 21,056,000	\$ 22,386,000	\$ 23,800,000	\$ 25,303,300	12.1%	6.4%	6.3%	6.3%	6.3%	6.3%
Capacity Billing Revenue	\$ 5,465,610	\$ 5,929,699	\$ 6,433,000	\$ 6,812,000	\$ 7,213,300	\$ 7,638,300	6.0%	8.5%	8.5%	5.9%	5.9%	5.9%
			Proj									
Debt												
Principle												
CSO Refunding Bonds	\$ 1,530,000	\$ 1,580,000	\$ 1,630,000	\$ 1,685,000	\$ 1,740,000	\$ 1,750,000						
SRF#1	235,000											
SRF#2	110,000	115,000	115,000	120,000	120,000	125,000						
SRF#3	5,000	5,000	5,000	10,000	10,000	10,000						
SRF#4	280,000	285,000	295,000	300,000	310,000	315,000						
590-1605-941.80.25/80-10	\$ 2,160,000	\$ 1,985,000	\$ 2,045,000	\$ 2,115,000	\$ 2,180,000	\$ 2,200,000						
Interest												
CSO Refunding Bonds	\$ 377,350	\$ 331,450	\$ 272,200	\$ 207,000	\$ 139,600	\$ 70,000						
SRF#1	2,350											
SRF#2	14,100	11,900	9,600	7,300	4,900	2,500						
SRF#3	1,013	900	788	675	450	225						
SRF#4	105,750	98,750	91,625	84,250	76,750	69,000						
590-1605-943.80-60	\$ 500,563	\$ 443,000	\$ 374,213	\$ 299,225	\$ 221,700	\$ 141,725						
with accrual			\$ 355,466	\$ 279,844	\$ 202,319	\$ 122,344						