



DWSD FINANCIAL SUMMARY

BOWC DISCUSSION

6/15/2016

The Bottom Line...



- ▶ **Volumes, and hence revenues, continue to be soft**
 - Water volumes down 4.7% YTD versus budget
 - Sewer volumes down 12.0% YTD versus budget partially offset by higher than expected fixed charges and higher drainage charges
 - Both Water and Sewer volumes appear to be down 1.9% and 6.4%, respectively, in May

- ▶ **Long term collection rate below 90% target; this is likely temporary**
 - Collection rate typically dips in non-shutoff months and months immediately following
 - Name to accounts implemented
 - Delinquency management program in full swing; cash collections as a percentage of sales improving

- ▶ **Lower revenues being offset by lower than expected O&M costs; we remain cautiously optimistic**
 - New financial system in place; we have to pull spending data from multiple sources; likely large IBNR – on net risk to budget approximates \$4 million and \$6 million for water and sewer, respectively
 - Some legacy liability with GLWA remains unclear

- ▶ **Cash balance remains strong – current bank cash exceeds \$49 million – we anticipate more from GLWA**



DETROIT WATER & SEWER DEPARTMENT SUMMARY FINANCIAL STATEMENTS (YTD)

	WATER			SEWER		
	Budget	Actual	F / (U)	Budget	Actual	F / (U)
Net Sales Revenue	\$ 94,343,715	\$ 86,715,759	\$ (7,627,955) ^[1]	\$ 235,028,411	\$ 227,393,985	\$ (7,634,426) ^[5]
Total O&M Charges	40,721,090	23,667,533	17,053,557 ^[2]	30,528,648	16,216,537	14,312,111 ^[6]
Contribution Margin	53,622,625	63,048,226	9,425,601	204,499,762	211,177,448	6,677,686
Total Wholesale Rate Charges	364,556	364,556	(0) ^[3]	49,327,440	49,327,440	-
Gross Margin	53,258,069	62,683,671	9,425,601	155,172,322	161,850,008	6,677,686
Total Other Operating Expenses	188,933	188,933	0 ^[3]	20,968,259	20,968,259	-
	53,069,137	62,494,738	9,425,601	134,204,063	140,881,749	6,677,686
Total Non-Operating Expenses	28,152,190	12,117,501	16,034,689 ^[4]	62,372,825	55,035,933	7,336,891 ^[7]
Fund Surplus	24,916,947	50,377,237	25,460,290	71,831,238	85,845,815	14,014,577
Interest Expense	25,133,256	25,133,256	-	56,458,388	56,458,388	-
Fund Surplus Before Interest	\$ 50,050,203	\$ 75,510,493	\$ 25,460,290	\$ 128,289,626	\$ 142,304,203	\$ 14,014,577
Actual Debt Payments	(44,892,243)	(44,892,243)	-	(120,404,712)	(118,270,221)	2,134,492
Change in Receivables	(13,333,333)	(4,765,814)	8,567,519	(32,500,000)	(27,490,892)	5,009,108
Net Surplus / Deficit	<u>\$ (8,175,374)</u>	<u>\$ 25,852,435</u>	<u>\$ 34,027,809</u>	<u>\$ (24,615,086)</u>	<u>\$ (3,456,909)</u>	<u>\$ 21,158,177</u>
Unrestricted Lease Payment	-	16,853,333	16,853,333	-	6,333,333	6,333,333
Net Surplus / Deficit Less Lease	<u>\$ (8,175,374)</u>	<u>\$ 8,999,102</u>	<u>\$ 17,174,476</u>	<u>\$ (24,615,086)</u>	<u>\$ (9,790,242)</u>	<u>\$ 14,824,844</u>

Note: Amounts represent expenditures in Funds 5402, 5502, 5720 & 5820

[1] Lower revenue as a result of 4.7% negative volume variation and lower than budgeted fireline revenue

[2] Positive variation driven by lower personnel costs vis-à-vis allocations and seasonal contract variation

[3] Includes Return on Equity (\$20.7 million for water / \$5.5 million for sewer)

[4] Includes value of net Water Lease Payment

[5] Lower revenue as a result of 12.0% negative volume variation offset by higher than expected drainage charges

[6] Positive variation driven by \$1 million lower personnel costs vis-à-vis allocations and seasonal contract variation

[7] Includes value of net Sewer Lease Payment



DETROIT WATER & SEWER DEPARTMENT SUMMARY FINANCIAL STATEMENTS (FORECAST)

	WATER			SEWER		
	Budget	Actual	F / (U)	Budget	Actual	F / (U)
Net Sales Revenue	\$ 114,252,630	\$ 104,477,234	\$ (9,775,397) ^[1]	\$ 284,233,135	\$ 276,538,550	\$ (7,694,585) ^[5]
Total O&M Charges	49,152,097	37,073,033	12,079,064 ^[2]	36,750,114	26,666,117	10,083,997 ^[6]
Contribution Margin	65,100,533	67,404,201	2,303,668	247,483,022	249,872,433	2,389,412
Total Wholesale Rate Charges	437,467	437,467	-	59,192,928	59,192,928	-
Gross Margin	64,663,066	66,966,734	2,303,668	188,290,093	190,679,505	2,389,412
Total Other Operating Expenses	226,719	226,719	-	25,161,911	25,161,911	-
	64,436,347	66,740,015	2,303,668	163,128,182	165,517,594	2,389,412
Total Non-Operating Expenses	33,782,628	14,541,001	19,241,627 ^[3]	74,847,390	66,043,120	8,804,269 ^[7]
Fund Surplus	30,653,719	52,199,014	21,545,295	88,280,793	99,474,474	11,193,681
Interest Expense	30,159,907	30,159,907	-	67,750,066	67,750,066	-
Fund Surplus Before Interest	\$ 60,813,627	\$ 82,358,921	\$ 21,545,295	\$ 156,030,858	\$ 167,224,540	\$ 11,193,681
Actual Debt Payments	(44,892,243)	(44,892,243)	-	(120,404,712)	(118,270,221)	2,134,492
Change in Receivables	(16,000,000)	(1,948,182)	14,051,818 ^[4]	(39,000,000)	(32,030,636)	6,969,364 ^[8]
Net Surplus / Deficit	\$ (78,617)	\$ 35,518,496	\$ 35,597,112	\$ (3,373,854)	\$ 16,923,683	\$ 20,297,537
Unrestricted Lease Payment	-	20,224,000	20,224,000	-	7,600,000	7,600,000
Net Surplus / Deficit Less Lease	\$ (78,617)	\$ 15,294,496	\$ 15,373,112	\$ (3,373,854)	\$ 9,323,683	\$ 12,697,537

Note: Amounts represent expenditures in Funds 5402, 5502, 5720 & 5820

[1] Lower revenue as a result of 5.3% projected negative volume variation and lower than budgeted fireline revenue

[2] Positive variation driven by projected \$2 million positive personnel costs variance, \$8 million positive contractual variance, and \$2 million positive overhead variance

[3] Includes value of net Water Lease Payment

[4] Positive variance driven by higher than expected collection rate

[5] Lower revenue as a result of 12.1% projected negative volume variation offset by higher than budgeted drainage charges

[6] Positive variation driven by projected \$2 million positive personnel costs variance, \$5 million positive contractual variance, and \$2 million positive utilities variance

[7] Includes value of net Sewer Lease Payment

[8] Positive variance driven by higher than expected collection rate



DETROIT WATER & SEWER YTD CASHFLOW CASHFLOW STATEMENT FORECAST

	Water			Sewer		
	YTD 2016	FCST 2016	FY Forecast 10+2	YTD 2016	FCST 2016	10+2
Beginning Cash	\$ -	\$ 26,619,686	\$ -	\$ -	\$ 18,917,895	\$ -
Cashflow From Operating Activities						
Net Operating Surplus / (Deficit)	\$ 62,494,738	\$ 10,538,177	\$ 73,032,915	\$ 140,881,749	\$ 28,167,445	\$ 169,049,194
Transfers to GLWA	(35,035,421)	(18,299,787)	(53,335,208)	(655,435)	(26,409,334)	(27,064,769)
Transfers from GLWA	34,240,286	7,447,287	41,687,573	23,030,239	5,568,199	28,598,438
Depreciation / Amortization	-	-	-	-	-	-
Change In Receivables	(3,203,428)	1,255,246	(1,948,182)	(27,490,892)	(4,539,744)	(32,030,636)
Change in Payables	-	-	-	-	-	-
Net Cashflow From Operating Activities	\$ 58,496,174	\$ 940,924	\$ 59,437,098	\$ 135,765,661	\$ 2,786,567	\$ 138,552,228
Cashflow From Investing Activities						
CAPEX	-	(22,536,000)	(22,536,000)	-	(13,383,000)	(13,383,000)
Lease Payment (Net)	16,641,760	3,328,353	19,970,113	12,957,937	2,591,587	15,549,525
Extraordinary Repair & Replacement Deposits	(594,827)	(118,965)	(713,792)	(853,744)	(170,749)	(1,024,493)
Sale of Capital Assets						
Purchase of Securities						
Sale of Securities						
Net Cashflow From Investing Activities	\$ 16,046,933	\$ (19,326,613)	\$ (3,279,679)	\$ 12,104,193	\$ (10,962,161)	\$ 1,142,031
Cashflow From Financing Activities						
Senior Principal Payments	(35,100,183)	-	(35,100,183)	(69,836,313)	-	(69,836,313)
2nd Lien Principal Payments	(9,740,240)	-	(9,740,240)	(30,268,836)	-	(30,268,836)
Junior Lien Principal Payments	(51,821)	-	(51,821)	(18,165,071)	-	(18,165,071)
New DWSDR Borrowings	-	-	-			
WRAP Payments	(503,120)	(100,624)	(603,744)	(1,096,601)	(219,320)	(1,315,921)
B-Note Payment	(588,870)	(117,774)	(706,644)	(6,005,359)	(1,201,072)	(7,206,431)
Budget Stabilization Requirements	(1,939,188)	(387,838)	(2,327,026)	(3,579,779)	(715,956)	(4,295,735)
Total Wholesale Rate Charges	\$ (47,923,422)	\$ (606,236)	\$ (48,529,657)	\$ (128,951,959)	\$ (2,136,348)	\$ (131,088,306)
Total Increase / (Decrease) In Cash Balances	\$ 26,619,686	\$ (18,991,925)	\$ 7,627,761	\$ 18,917,895	\$ (10,311,942)	\$ 8,605,953
Ending Cash	\$ 26,619,686	7,627,761	7,627,761	\$ 18,917,895	8,605,953	8,605,953

Note: Cash flow statement is pro forma; DWSD still lacks certain data to perform full reconciliation. Unreconciled balance as of 4/30/2016 approximates \$4 million (Actual cash approximates \$49 million versus \$45 million combined cash from cashflow statement)



DETROIT WATER & SEWER DEPARTMENT SUMMARY FINANCIAL STATEMENTS (FLASH MAY)

	WATER			SEWER		
	Budget	Actual	F / (U)	Budget	Actual	F / (U)
Net Sales Revenue	\$ 10,136,881	\$ 9,623,926	\$ (512,955) ^[1]	\$ 24,937,769	\$ 24,710,493	\$ (227,276) ^[5]
Total O&M Charges	4,265,800	4,472,652	(206,852) ^[2]	3,128,385	2,877,564	250,822 ^[6]
Contribution Margin	5,871,081	5,151,274	(719,807)	21,809,384	21,832,930	23,546
Total Wholesale Rate Charges	36,456	36,456	-	4,932,744	4,932,744	-
Gross Margin	5,834,625	5,114,818	(719,807)	16,876,640	16,900,186	23,546
Total Other Operating Expenses	18,893	18,893	-	2,096,826	2,096,826	-
	5,815,732	5,095,925	(719,807)	14,779,814	14,803,360	23,546
Total Non-Operating Expenses	2,815,219	1,211,750	1,603,469 ^[3]	6,237,282	5,503,593	733,689 ^[7]
Fund Surplus	3,000,513	3,884,175	883,662	8,542,531	9,299,766	757,235
Interest Expense	2,513,326	2,513,326	-	5,645,839	5,645,839	-
Fund Surplus Before Interest	\$ 5,513,839	\$ 6,397,501	\$ 883,662	\$ 14,188,370	\$ 14,945,605	\$ 757,235
Actual Debt Payments	-	-	-	-	-	-
Change in Receivables	-	(1,562,386)	(1,562,386) ^[4]	-	3,930,027	3,930,027 ^[8]
Net Surplus / Deficit	\$ 5,513,839	\$ 4,835,115	\$ (678,723)	\$ 14,188,370	\$ 18,875,632	\$ 4,687,262
Unrestricted Lease Payment	-	1,685,333	1,685,333	-	633,333	633,333
Net Surplus / Deficit Less Lease	\$ 5,513,839	\$ 3,149,782	\$ (2,364,057)	\$ 14,188,370	\$ 18,242,299	\$ 4,053,928

Note: Amounts represents expenditures in Funds 5402, 5502, 5720 & 5820

[1] Lower revenue as a result of 1.9% projected negative volume variation offset by lower than budgeted fireline revenue

[2] Negative variation driven by projected personnel payments due to \$0.9 payment to GLWA employees for sick payouts

[3] Includes value of net Water Lease Payment

[4] Negative variance driven by increase in \$0.4 in commercial receivables and \$0.7 in payments due to United Way

[5] Lower revenue as a result of 6.4% projected negative volume variation offset by higher than budgeted drainage charges

[6] Positive variation driven by lower than expected contract and overhead costs offset by higher personnel payments due to \$0.8 payment to GLWA employees for sick payouts

[7] Includes value of net Sewer Lease Payment

[8] Positive variance driven by \$1.3 million decrease in Residential receivables

Summary financial metrics



DETROIT WATER & SEWER DEPARTMENT SUMMARY FINANCIAL METRICS

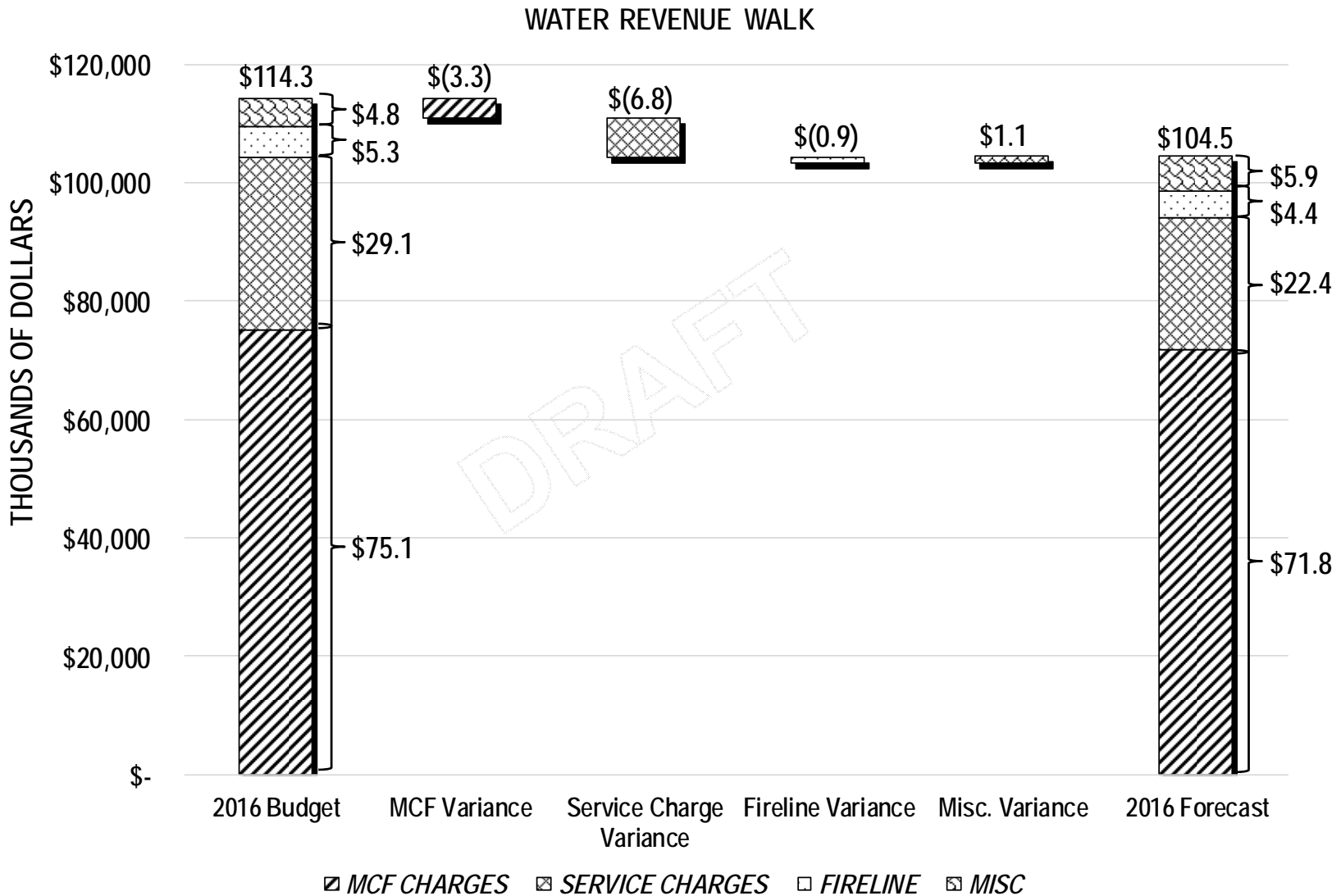
MONTHLY

		7/31/2015	8/31/2015	9/30/2015	10/31/2015	11/30/2015	12/31/2015	1/31/2016	2/29/2016	3/31/2016	4/30/2016	5/31/2016	6/30/2016
VOLUMES	Budget	324,059	317,348	272,357	267,849	240,825	261,782	259,627	258,158	264,323	245,588		
	Actual	322,366	324,515	254,553	261,900	231,255	248,084	236,872	243,653	245,627	216,238		
	Status												
WATER 30 - 60 DAY COLLECTION RATE	Budget	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%
	Actual	72.46%	68.58%	64.28%	71.39%	61.28%	61.75%	65.22%	73.99%	72.76%	67.79%		
	Status												
SEWER 30 - 60 DAY COLLECTION RATE	Budget	68.00%	68.00%	68.00%	68.00%	68.00%	68.00%	68.00%	68.00%	68.00%	68.00%	68.00%	68.00%
	Actual	67.83%	67.34%	65.39%	68.43%	67.69%	64.92%	40.61%	65.22%	62.63%	60.52%		
	Status												
WATER 330 - 360 DAY COLLECTION RATE	Budget	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
	Actual	0.00%	0.00%	0.00%	92.36%	90.12%	91.80%	93.79%	90.91%	84.49%	84.80%		
	Status												
SEWER 330 - 360 DAY COLLECTION RATE	Budget	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
	Actual	0.00%	0.00%	0.00%	90.46%	90.13%	90.32%	89.88%	90.67%	81.17%	82.10%		
	Status												
HEADCOUNT	Budget					415	415	415	415	415	415	415	415
	Actual					412	412	425	425	425	425	425	425
	Status												
O&M COSTS	Budget					6,895,539	7,035,675	7,050,070	7,016,919	7,065,026	6,912,393		
	Actual					4,271,700	4,630,022	4,630,022	4,630,022	4,630,022	6,240,253		
	Status												
WATER OUTSTANDING RECEIVABLES	Budget	188.00	188.00	188.00	188.00	188.00	188.00	188.00	188.00	188.00	188.00	188.00	188.00
	Actual	166.67	172.14	175.60	166.38	178.95	170.28	172.90	170.02	174.85	165.55		
	Status												
SEWER OUTSTANDING RECEIVABLES	Budget	194.00	194.00	194.00	194.00	194.00	194.00	194.00	194.00	194.00	194.00	194.00	194.00
	Actual	191.90	199.21	200.29	172.77	184.45	182.96	187.79	189.46	187.36	198.36		
	Status												

ANNUAL

	BUDGET	PROJECTED	STATUS
EQUIVALENT ACTIVE ACCOUNTS (WATER)	367,078	281,839	
EQUIVALENT ACTIVE ACCOUNTS (SEWER)	196,914	187,852	
COMMODITY VOLUME (WATER)	3,300,000	3,126,147	
COMMODITY VOLUME (SEWER)	3,025,000	2,659,064	
O&M COSTS (MILLION)	\$ 161.0	\$ 138.8	

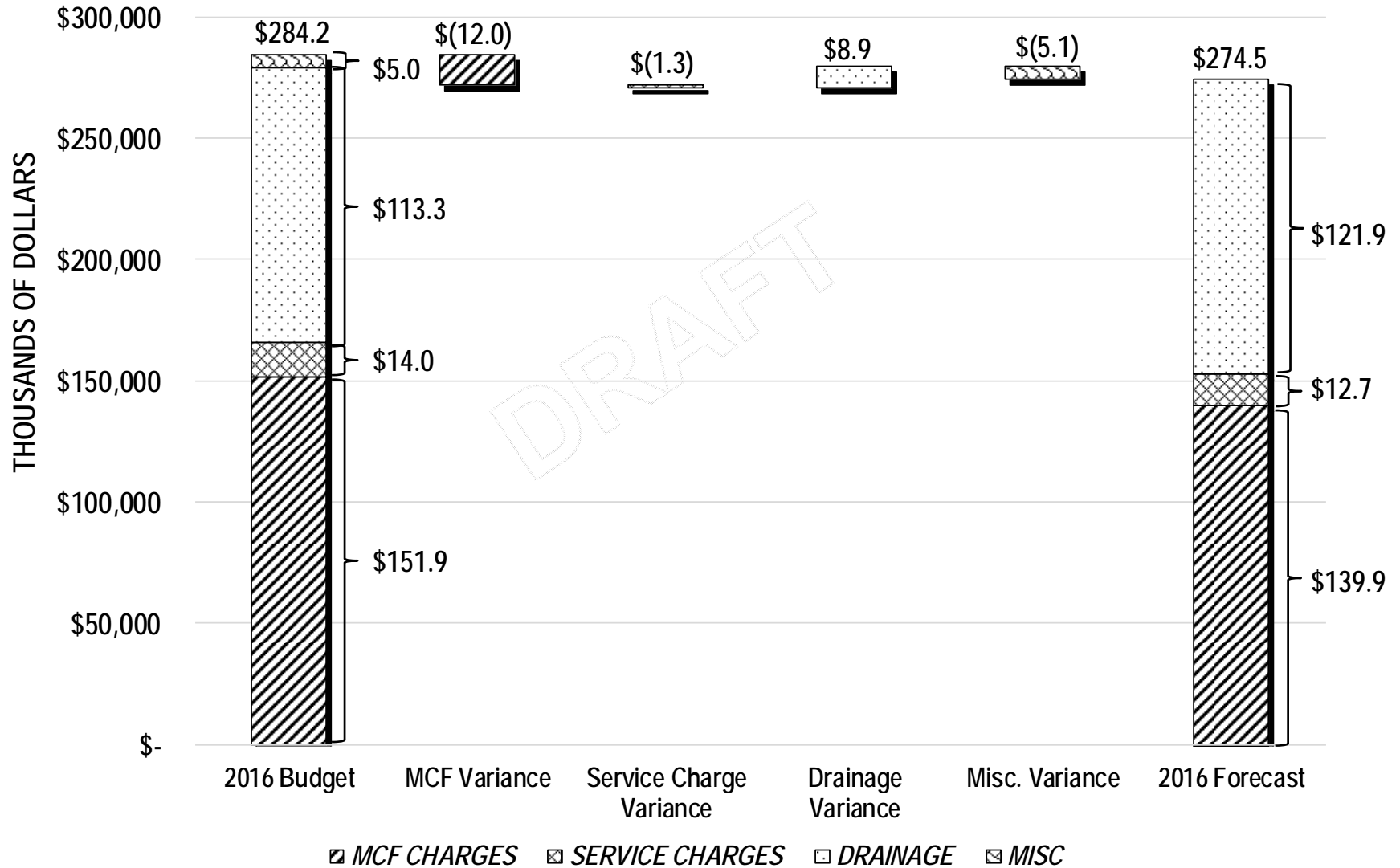
Water MCF volumes and monthly service charges are forecasted to deviate by 4.4% and 23.%, respectively; resulting in a \$9.8 million miss to budget



Sewer MCF volumes are 7.8% lower than plan; however, lower commodity revenue has been partially offset by higher drainage charges



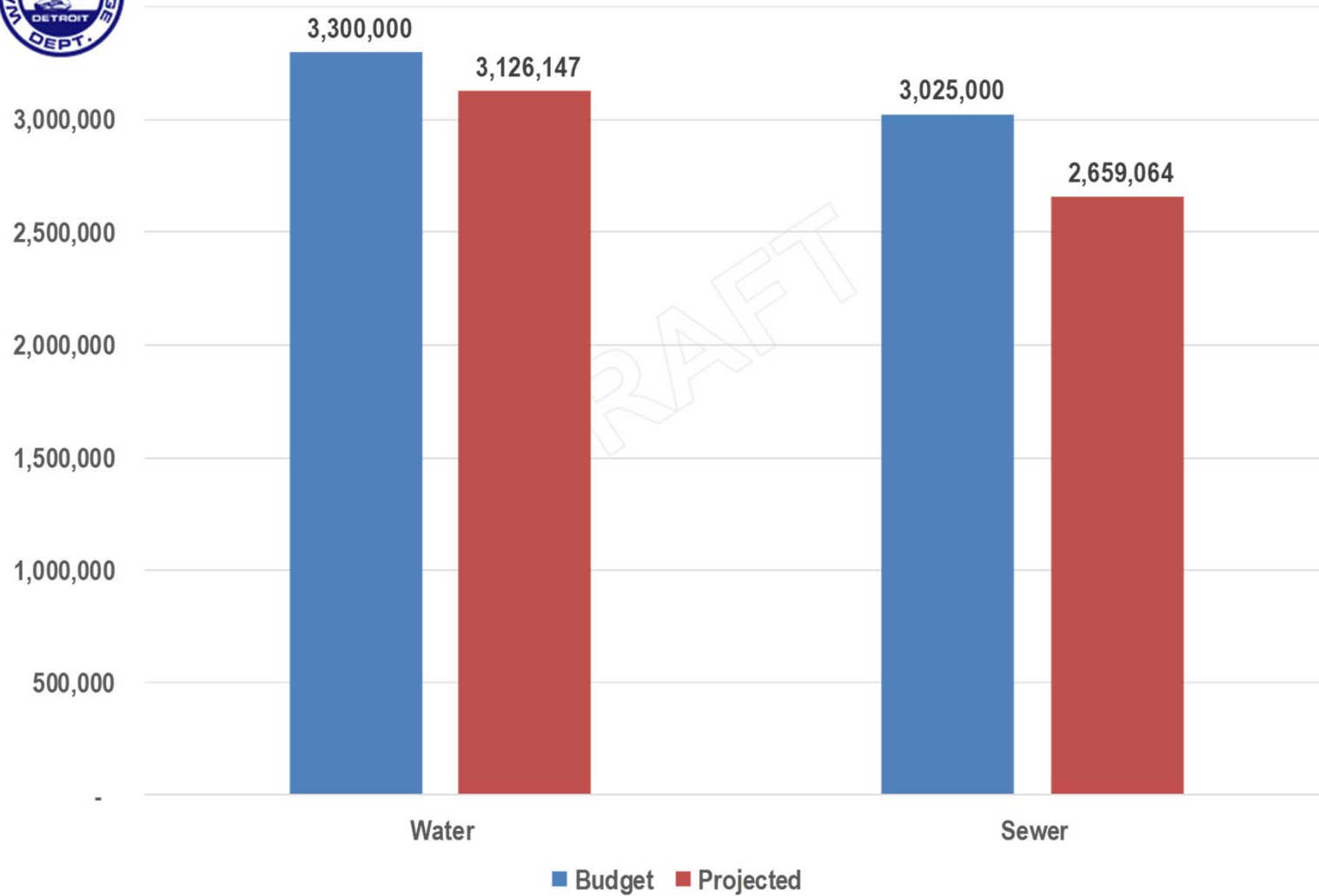
SEWER REVENUE WALK



Projected volumes continue to underperform budget



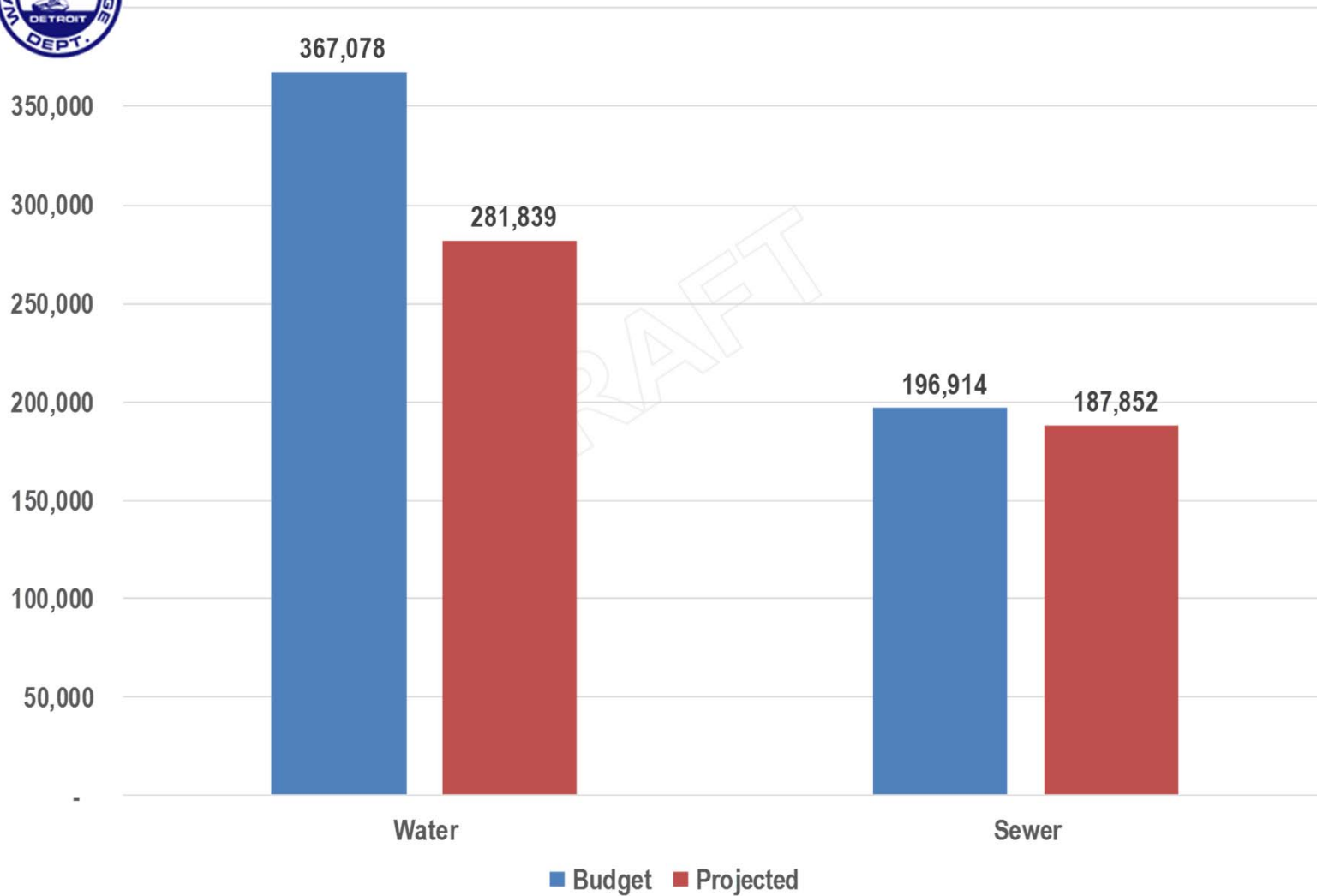
DWSD Summary Budgeted Versus Actual Commodity Volumes



Account creation also lagging budget



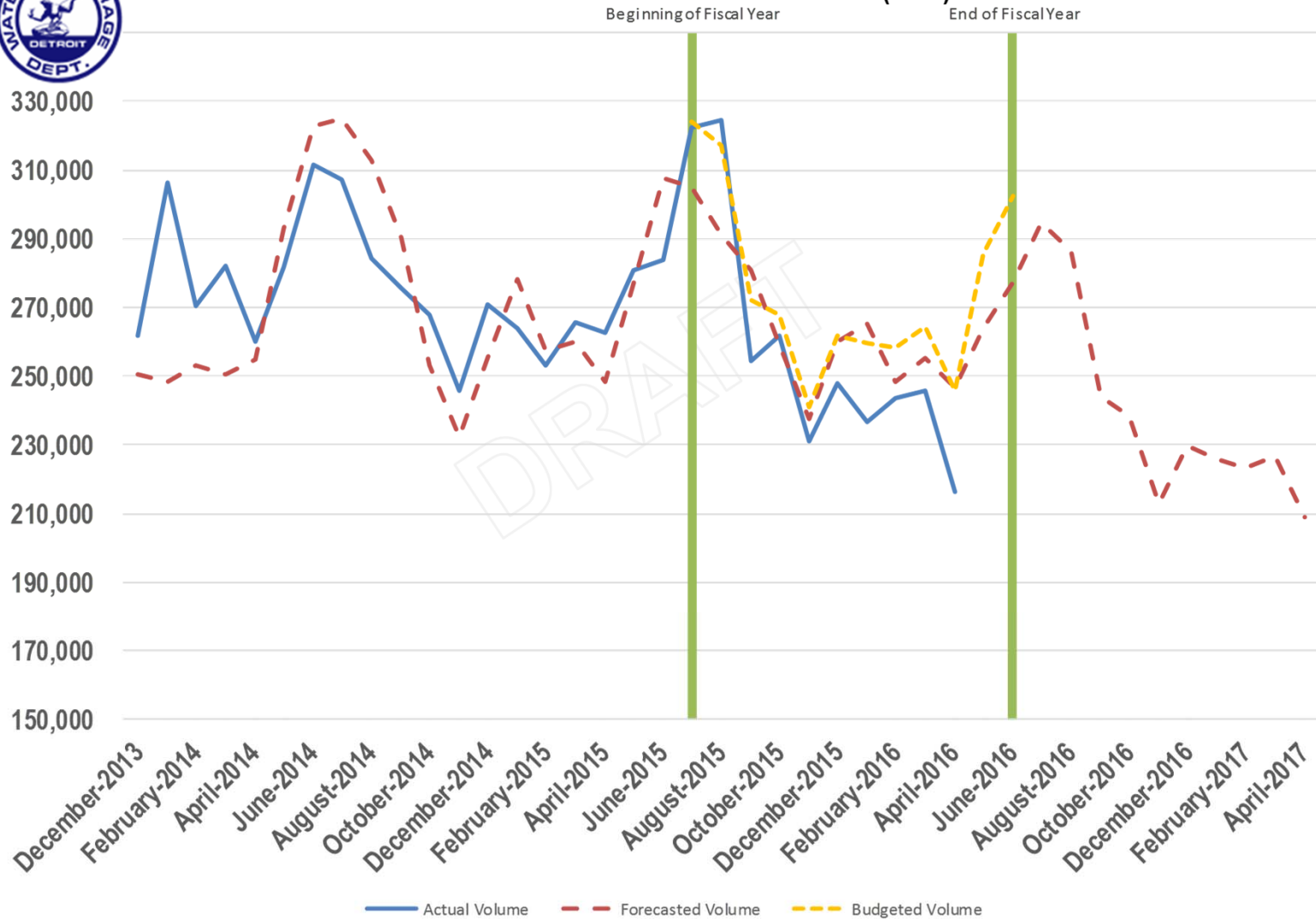
DWSD Summary Budgeted Versus Actual Equivalent Accounts



Water volumes continue to track below budget; large deviation from expected volumes in April



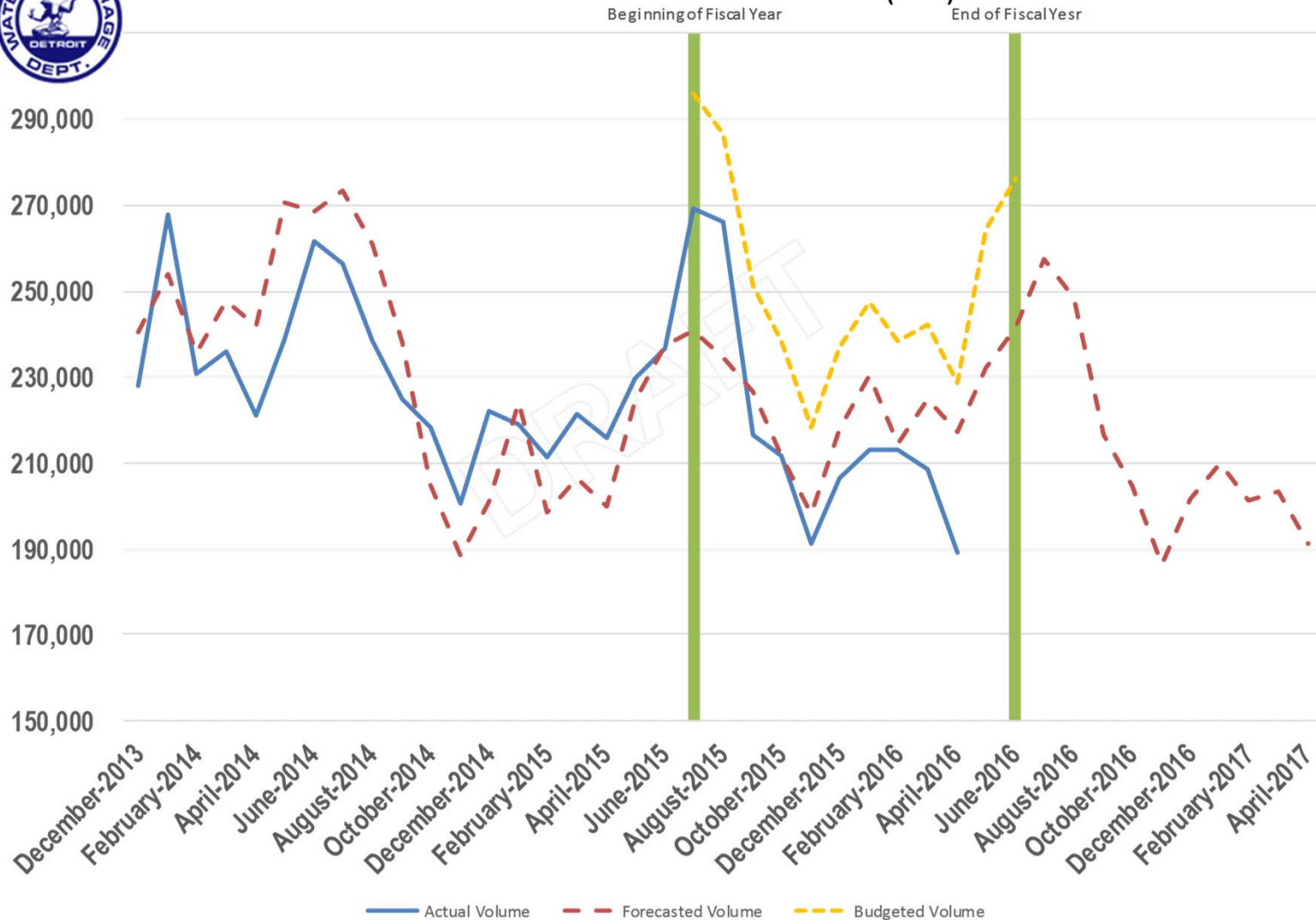
Historical & Forecasted Water Volumes (CCF)



Similarly, sewer volumes remain below budgeted levels and also experienced a large deviation from expectations in April



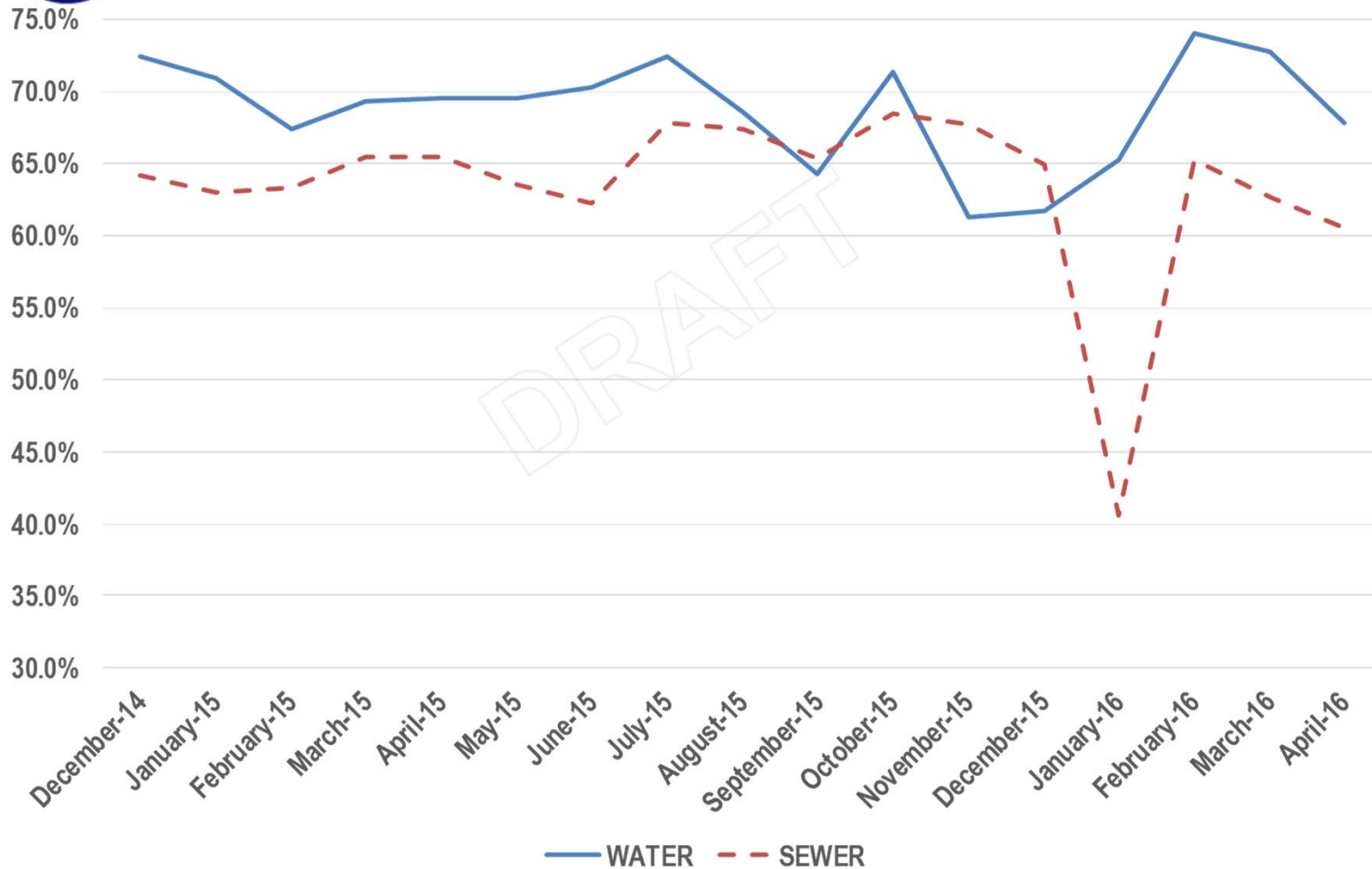
Historical & Forecasted Sewer Volumes (CCF)



With few exceptions, 3-month collection rate is fairly steady; in fact increase in water collection rate may signal attitudes may be starting to change



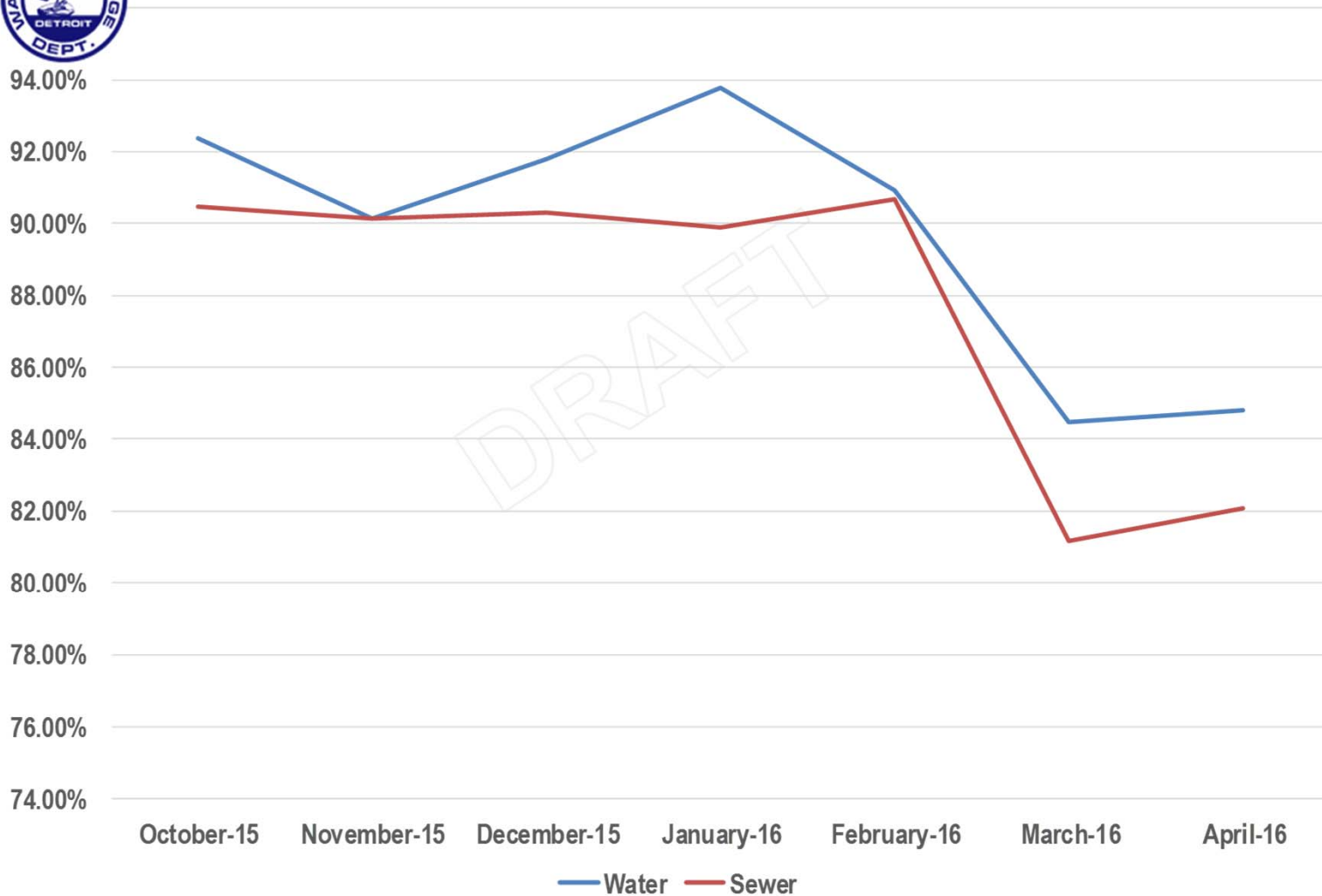
TRAILING 12 MONTH DWSD 60 - 90 DAY COLLECTION RATE



Water and Sewer both experienced significant declines in the one year collection rate in February & March; this was predictable



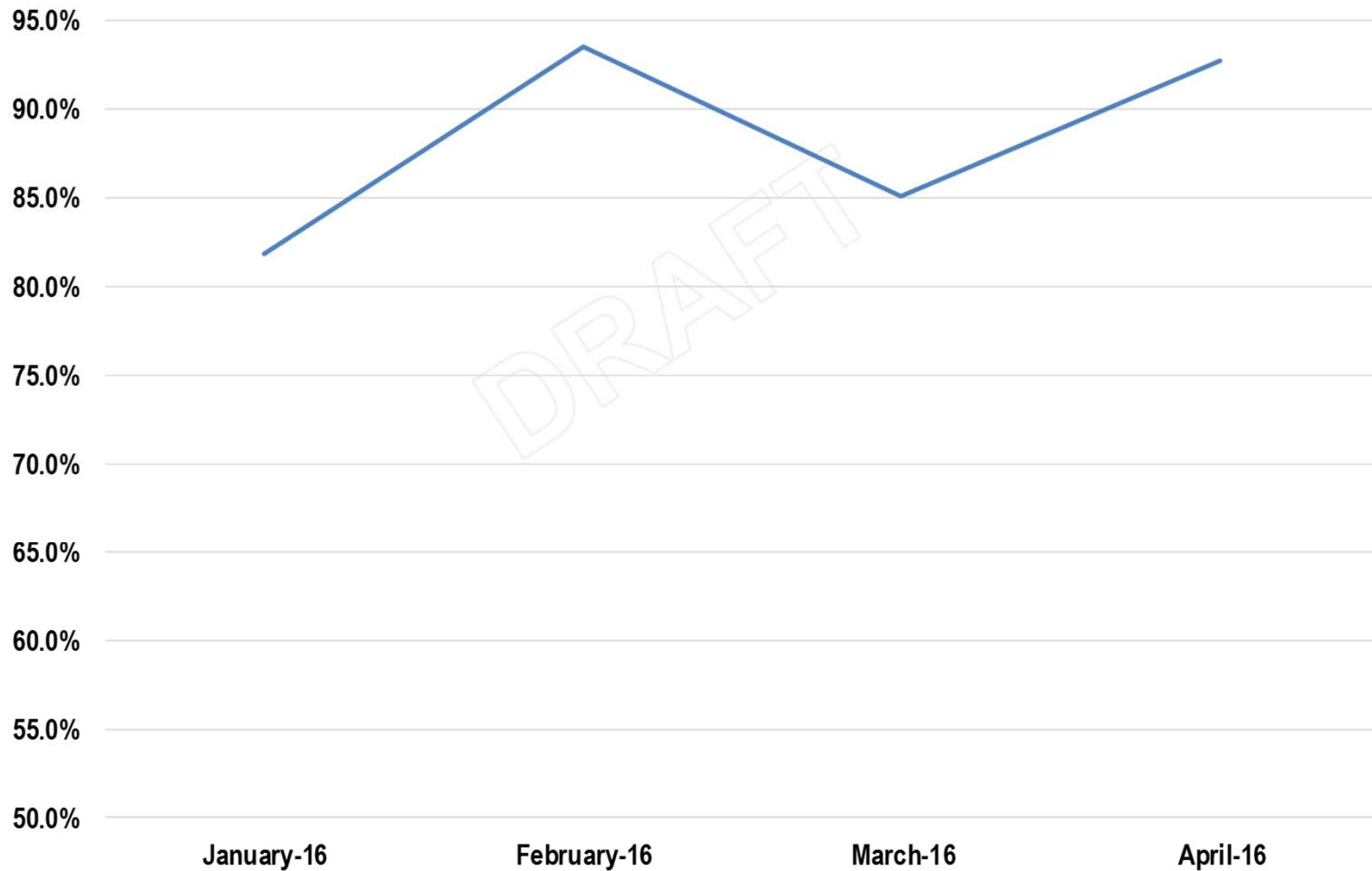
TRAILING 12 MONTH DWSD 330 - 360 DAY COLLECTION RATE



Despite softer long term collection rates, cash collection as a percentage of sales portend collection improvement



WATER & SEWER CASH COLLECTIONS AS A PERCENT OF CURRENT MONTH SALES



Financial Risk & Opportunities...



Risks

- ▶ **Beginning cash balance still unknown**
 - Cash yet to be bifurcated
 - Legacy liabilities
- ▶ **Transition to new financial system creating risks**
 - Many POs had to be manually created outside of the system
 - Tracking and recording expenses has been burdensome
 - Expenses paid by GLWA still unknown
- ▶ **Collection blitz likely to tax service centers**
- ▶ **Continued volume drop vis-à-vis budget**

Opportunities

- ▶ **O&M costs as a whole appear to be under control**
- ▶ **Beginning to transition temp employees to full time to save costs**
- ▶ **Approximately \$5.0 million in salaries payable recoverable from GLWA**
- ▶ **Despite dip from prior months, February and March collection rates appear to be higher in 2016 vis-à-vis prior years**
- ▶ **Universal cash deposits protecting against non-payment**
- ▶ **Major capital expenditures likely rolling to FY 2017**



DRAFT

APPENDIX – SELECTED RECEIVABLES REPORTS

Detroit Water and Sewerage Department

Aging Balances as of Jun 3, 2016

Retail Delinquency Report by Tax Type - Water

Tax Type Description	Total Credit Balance	Total Current Balance	Total 30 Days	Total 60 Days	Total 90 Days	Total 120 Days	Total 150 Days	Total 180 Days	Grand Total Balance (Less Credit Balance)
APARTMENT BUILDING	-52,901.15	406,214.29	94,030.71	53,153.25	57,488.24	38,874.69	48,091.39	627,543.43	1,272,494.85
CHURCHES	-25,977.90	31,947.42	11,709.37	7,991.65	8,047.74	5,205.51	5,240.54	231,715.71	275,880.04
CITY OF DET BANKRUPTCY	-93.27	0.00	139.75	0.00	0.00	0.00	0.00	0.00	46.48
COMMERCIAL	-387,453.27	1,388,308.72	741,153.07	721,698.51	535,870.29	499,943.29	113,523.02	1,678,763.58	5,291,508.09
DET PUB SCHOOLS- LEASED	0.00	159.36	0.00	0.00	0.00	0.00	0.00	0.00	159.36
DET PUBLIC SCHOOLS-FAA	0.00	482.66	0.00	15,306.44	0.00	0.00	0.00	26,628.93	42,418.03
DETROIT PUBLIC SCHOOLS	-299.69	95,968.07	91,234.10	156,028.10	100,781.71	95,350.15	102,962.01	656,418.74	1,298,443.19
DWSD FORECLOSURE	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
FEDERAL GOVERNMENT	-5,890.28	14,160.13	1,970.15	2,168.48	1,107.57	141.59	55.21	1,319.50	15,032.35
FIRELINES COMMERCIAL	-55,446.64	308,997.44	73,375.29	46,963.77	45,091.29	42,169.85	37,023.28	638,581.36	1,136,755.64
FIRELINES INDUSTRIAL	-4,132.85	77,919.22	27,808.76	19,224.40	19,452.32	19,319.92	18,754.80	615,175.89	793,522.46
HOUSING COMMISSION	0.00	51,850.45	44,191.90	10,349.13	10,525.19	18.69	20.82	130,401.82	247,358.00
INDUSTRIAL	-318,434.32	949,001.74	135,958.64	20,302.11	18,472.55	23,510.53	14,732.09	167,248.64	1,010,791.98
MEDICAL	-318.17	31,905.60	14,316.10	60,754.79	7,493.67	7,228.00	6,089.27	97,936.28	225,405.54
MUNICIPAL	-30.00	102,405.93	78,881.60	68,358.14	82,061.09	26,113.93	16,672.94	246,571.51	621,035.14
PLANNING & DEVELOPMENT	-7,168.73	4,451.81	5,085.53	3,435.27	3,494.17	4,690.11	3,157.28	143,281.94	160,427.38
RESIDENTIAL	-1,049,782.37	3,259,440.37	1,790,510.29	1,821,031.65	1,288,822.62	1,087,138.63	1,119,987.10	26,807,793.42	36,122,282.65
SCHOOLS	-2,038.96	21,091.05	4,260.92	3,165.86	2,863.42	2,056.53	1,925.20	60,936.66	94,260.68
STATE OF MICHIGAN	0.00	68,705.12	24,657.29	23,259.72	79,154.75	3,157.72	35,158.16	146,330.19	380,422.95
UNKNOWN AT CONVERSION	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
USPS	0.00	574.62	0.00	0.00	0.00	0.00	0.00	0.00	574.62
WATER FOUNTAINS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAYNE COUNTY	-1,759.64	21,098.80	540.52	514.18	419.48	190.25	0.00	0.00	21,003.59
WAYNE STATE UNIVERSITY	0.00	106,275.66	47,232.77	97,200.01	13,463.96	0.00	0.00	0.00	264,172.40
Summary	-1,911,727.24	6,940,998.46	3,187,056.76	3,130,905.46	2,274,610.06	1,855,109.39	1,523,393.11	32,276,647.60	49,274,035.42

Detroit Water and Sewerage Department

Aging Balances as of Jun 3, 2016

Retail Delinquency Report by Tax Type - Sewer

Tax Type Description	Total Credit Balance	Total Current Balance	Total 30 Days	Total 60 Days	Total 90 Days	Total 120 Days	Total 150 Days	Total 180 Days	Grand Total Balance (Less Credit Balance)
APARTMENT BUILDING	-222,678.11	1,097,432.73	234,376.13	136,090.98	151,624.27	112,425.52	132,295.50	1,600,853.90	3,242,420.92
DETROIT PUBLIC SCHOOLS	0.00	425,959.63	412,726.63	532,700.80	424,308.73	410,960.45	428,060.59	2,541,011.41	5,175,728.24
SCHOOLS	-82,678.02	143,114.57	36,052.88	80,582.72	23,106.73	14,106.06	13,292.91	401,631.83	629,209.68
INDUSTRIAL	-237,222.38	3,939,381.05	830,365.21	640,681.81	796,978.65	1,800,357.57	563,449.89	7,741,758.07	16,075,749.87
FEDERAL GOVERNMENT	-1,428.66	36,643.87	10,608.48	6,336.08	6,509.84	2,360.53	2,264.96	62,690.60	125,985.70
COMMERCIAL	-327,223.06	4,277,409.50	1,637,540.87	1,474,001.94	1,289,309.92	2,026,735.75	1,215,379.58	15,042,018.13	26,634,711.79
WATER FOUNTAINS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CITY OF DET BANKRUPTCY	0.00	0.00	341.17	0.00	0.00	0.00	0.00	0.00	341.17
PLANNING & DEVELOPMENT	-1,952.10	21,974.50	21,539.39	19,912.49	19,725.20	21,411.59	19,782.14	653,364.78	775,757.99
FIRELINES INDUSTRIAL	-3,053.06	455.56	260.34	31.88	36.64	31.87	35.39	16,297.61	14,096.23
HOUSING COMMISSION	0.00	130,154.09	108,705.72	114,047.00	29,420.75	359.63	334.73	705,911.24	1,088,933.16
STATE OF MICHIGAN	-562.46	261,099.92	147,609.23	69,554.35	529,286.13	4,213.54	5,594.31	293,254.02	1,310,049.04
UNKNOWN AT CONVERSION	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEDICAL	-1,409.00	71,237.46	24,404.85	45,444.02	20,350.04	21,002.48	16,718.04	138,860.11	336,608.00
WAYNE COUNTY	-16,232.99	114,155.37	57.07	87.20	19.59	0.89	0.00	0.00	98,087.13
DET PUB SCHOOLS- LEASED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESIDENTIAL	-470,788.80	7,634,341.97	4,299,026.77	3,465,259.97	3,190,166.80	2,747,192.56	2,382,560.63	55,771,511.80	79,019,290.96
FIRELINES COMMERCIAL	-2,449.33	21,524.06	9,766.29	8,821.52	8,650.66	25,831.01	8,780.35	128,066.25	208,990.81
CHURCHES	-64,222.82	171,917.87	64,351.34	38,024.84	48,149.05	41,182.58	35,997.97	886,386.41	1,221,787.24
MUNICIPAL	0.00	1,104,208.08	1,071,784.87	1,030,055.45	1,007,734.63	504,021.31	264,641.62	1,574,559.18	6,557,005.14
DET PUBLIC SCHOOLS-EAA	0.00	2,182.40	0.00	72,073.88	0.00	0.00	0.00	87,306.89	161,563.17
USPS	0.00	2,031.78	0.00	0.00	0.00	0.00	0.00	0.00	2,031.78
WAYNE STATE UNIVERSITY	0.00	271,451.08	139,334.26	249,048.83	34,667.32	19.66	19.66	412.16	694,952.97
Summary	-1,431,900.79	19,726,675.49	9,048,851.50	7,982,755.76	7,580,044.95	7,732,213.00	5,089,208.27	87,645,894.39	143,373,300.99

Detroit Water and Sewerage Department
Accounts under Bankruptcy by Sales Class

Water and Sewer Combined

60 Days Days Past Due

Billing Cycles:

Customer Class	Sales Class Description	Total Number of Accounts	Total Balance	Total Number of Accounts Past Due	Total Past Due	Average Amount Past Due
1	City Residential	961	541,655.52	599	552,343.60	922.11
2	Suburban Residential	0	0.00	0	0.00	0
3	City Commercial	20	46,460.05	13	46,317.15	3,562.86
5	City Industrial	7	1,098.78	2	1,016.22	508.11
6	Suburban Industrial	0	0.00	0	0.00	0
7	City Municipal	2	-93.27	0	0.00	0
9	City Schools	1	10,585.31	1	10,217.23	10,217.23
11	City Housing	0	0.00	0	0.00	0
13	Firelines Industr	0	0.00	0	0.00	0
15	City Firelines Comm	1	115.21	0	0.00	0
Overall - Total		992	599,821.60	615	609,894.20	

Detroit Water and Sewerage Department
Accounts under Bankruptcy by Sales Class

Water and Sewer Combined

60 Days Days Past Due

Billing Cycles:

Customer Class	Sales Class Description	Total Number of Accounts	Total Balance	Total Number of Accounts Past Due	Total Past Due	Average Amount Past Due
<u>1</u>	City Residential	961	541,655.52	599	552,343.60	922.11
<u>2</u>	Suburban Residential	0	0.00	0	0.00	0
<u>3</u>	City Commercial	20	46,460.05	13	46,317.15	3,562.86
<u>5</u>	City Industrial	7	1,098.78	2	1,016.22	508.11
<u>6</u>	Suburban Industrial	0	0.00	0	0.00	0
<u>7</u>	City Municipal	2	-93.27	0	0.00	0
<u>9</u>	City Schools	1	10,585.31	1	10,217.23	10,217.23
<u>11</u>	City Housing	0	0.00	0	0.00	0
<u>13</u>	Firelines Industr	0	0.00	0	0.00	0
<u>15</u>	City Firelines Comm	1	115.21	0	0.00	0
Overall - Total		992	599,821.60	615	609,894.20	

Detroit Water and Sewerare Department

Accounts with Active Installments by Sales Class

Water and Sewer Combined

60 Days Days Past Due

Billing Cycles:

Customer Class	Sales Class Description	Total Number of Accounts	Total Balance	Total Number of Accounts Past Due	Total Past Due	Average Amount Past Due
<u>1</u>	City Residential	32,366	22,871,226.22	32,155	18,859,153.25	586.51
<u>2</u>	Suburban Residential	14	14,172.69	14	13,183.02	941.64
<u>3</u>	City Commercial	1,014	3,218,461.74	994	2,686,675.12	2,702.89
<u>5</u>	City Industrial	47	399,992.01	46	343,510.72	7,467.62
<u>9</u>	City Schools	12	308,148.88	12	288,535.88	24,044.66
<u>11</u>	City Housing	2	695.21	2	560.47	280.24
<u>13</u>	Firelines Industr	4	31,796.49	4	26,717.70	6,679.43
<u>15</u>	City Firelines Comm	72	364,318.71	69	317,472.65	4,601.05
<u>21</u>	City Commercial IWC	1	1,252.13	1	940.01	940.01
Overall - Total		33,532	27,210,064.08	33,297	22,536,748.82	

Detroit Water and Sewerage Department Retail Delinquency Report by Sales Class

Water and Sewer Combined

60 Days Days Past Due

Accounts Billed between May 1, 2016 and May 31, 2016

Accounts with a Balance >= 0

Sales Class	Sales Class Description	Total Number of Accounts	Total Balance	Total Number of Accounts Past Due	Total Past Due	Average Amount Past Due
1	City Residential	167,043	60,832,425.74	65,410	45,038,242.82	688.55
2	Suburban Residential	203	105,926.59	76	90,378.75	1,189.19
3	City Commercial	17,508	31,599,675.28	9,115	24,413,274.01	2,678.36
4	Suburban Commercial	15	63,866.75	8	61,343.79	7,667.97
5	City Industrial	1,539	15,261,111.17	778	10,924,752.87	14,042.10
6	Suburban Industrial	12	277,825.23	2	62,861.32	31,430.66
7	City Municipal	505	1,028,562.93	35	714,585.52	20,416.73
9	City Schools	563	1,345,845.93	79	1,187,036.15	15,025.77
11	City Housing	508	2,804.64	4	1,523.96	380.99
13	Firelines Industr	128	912,291.14	31	666,857.39	21,511.53
15	City Firelines Comm	1,472	3,263,855.27	251	1,656,833.89	6,600.93
21	City Commercial IWC	5	1,730.66	1	940.01	940.01
Overall - Total		189,501	114,695,921.33	75,790	84,818,630.48	

Detroit Water and Sewerage Department

City of Detroit Accounts - Water

Aging Account Balances as of June 3, 2016 - Summary

Customer Name	Total Balance Due	Current	> 30 Days	> 60 Days	> 90 Days	> 120 Days	> 150 Days	> 180 Days
36TH DISTRICT COURT	429.43	167.33	159.36	102.74	0.00	0.00	0.00	0.00
CITY OF DETROIT - CAYMC	139.90	139.90	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT CITY AIRPORT	14,076.58	4,857.25	4,641.03	4,575.02	3.28	0.00	0.00	0.00
DWSD	42,122.19	22,535.08	14,060.72	1,072.11	4,454.28	0.00	0.00	0.00
ELECTIONS COMMISSION	517.72	517.72	0.00	0.00	0.00	0.00	0.00	0.00
FIRE DEPARTMENT	125,159.78	5,115.85	5,690.94	5,396.95	5,612.25	6,072.56	5,782.13	91,489.10
GENERAL SERVICES DEPARTMENT	18,648.64	4,507.32	4,668.90	4,799.37	4,304.75	368.30	0.00	0.00
HEALTH DEPARTMENT	37,693.82	829.65	851.32	858.14	849.04	824.00	826.28	32,655.39
INSTITUTE OF ARTS	3,737.11	3,737.11	0.00	0.00	0.00	0.00	0.00	0.00
MUNICIPAL PARKING	18,909.61	4,699.88	4,483.68	5,036.70	4,689.35	0.00	0.00	0.00
PLANNING & DEVELOPMENT DEPT-DPS	140,455.64	5,223.67	5,309.92	7,248.47	23,667.39	4,396.41	4,379.17	90,230.61
POLICE DEPARTMENT	38,044.20	8,270.11	7,163.22	17,319.51	5,291.36	0.00	0.00	0.00
PUBLIC LIBRARY	17,497.76	2,278.68	1,957.76	0.00	11,752.20	1,509.12	0.00	0.00
PUBLIC LIGHTING	23,463.49	1,223.30	1,222.58	1,560.16	2,153.59	1,797.15	1,462.29	14,044.42
PUBLIC WORKS	27,173.25	4,731.31	4,704.98	0.00	0.00	0.00	0.00	17,736.96
RECREATION	52,954.71	11,686.96	11,987.56	13,242.48	12,376.53	3,276.15	0.00	385.03
RECREATION (2)	40,559.79	6,967.50	7,445.42	7,146.49	6,907.07	7,870.24	4,223.07	0.00
TRANSPORTATION	19,451.52	14,917.31	4,534.21	0.00	0.00	0.00	0.00	0.00
Grand Total	621,035.14	102,405.93	78,881.60	68,358.14	82,061.09	26,113.93	16,672.94	246,541.51

Detroit Water and Sewerage Department

City of Detroit Accounts - Sewer

Aging Account Balances as of June 3, 2016 - Summary

Customer Name	Total Balance Due	Current	> 30 Days	> 60 Days	> 90 Days	> 120 Days	> 150 Days	> 180 Days
36TH DISTRICT COURT	2,855.92	2,665.24	115.94	74.74	0.00	0.00	0.00	0.00
CITY OF DETROIT - CAYMC	265.30	265.30	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT CITY AIRPORT	132,838.74	44,628.57	44,151.57	44,005.96	52.64	0.00	0.00	0.00
DWSD	117,160.58	54,515.30	53,409.11	6,517.61	2,718.56	0.00	0.00	0.00
ELECTIONS COMMISSION	914.74	914.74	0.00	0.00	0.00	0.00	0.00	0.00
FIRE DEPARTMENT	315,678.48	18,266.62	19,402.23	18,839.46	19,071.40	19,860.55	19,578.47	200,659.75
GENERAL SERVICES DEPARTMENT	58,154.26	14,137.43	14,493.90	14,690.55	13,690.55	1,141.83	0.00	0.00
HEALTH DEPARTMENT	173,763.95	6,228.41	6,204.49	6,219.55	6,199.47	6,144.24	6,149.26	136,618.53
INSTITUTE OF ARTS	13,633.40	13,633.40	0.00	0.00	0.00	0.00	0.00	0.00
MUNICIPAL PARKING	38,950.52	9,670.73	9,193.75	10,413.84	9,672.20	0.00	0.00	0.00
PLANNING & DEVELOPMENT DEPT-DPS	1,608,165.88	87,677.04	87,866.93	93,597.34	147,746.49	88,768.54	88,741.88	1,013,767.66
POLICE DEPARTMENT	133,560.87	26,287.98	23,841.83	66,637.08	16,793.98	0.00	0.00	0.00
PUBLIC LIBRARY	87,312.31	14,849.05	14,141.09	5,657.53	35,615.91	17,008.07	40.66	0.00
PUBLIC LIGHTING	345,969.00	26,510.77	26,692.80	27,253.87	27,811.99	27,699.63	27,258.66	182,741.28
PUBLIC WORKS	151,789.85	41,427.98	41,458.09	30,263.72	0.00	0.00	0.00	38,640.06
RECREATION	2,312,962.91	535,056.16	538,820.83	542,334.18	540,903.21	153,716.63	0.00	2,131.90
RECREATION (2)	983,967.34	156,686.05	164,110.80	163,157.75	187,458.23	189,681.82	122,872.69	0.00
TRANSPORTATION	79,061.09	50,787.31	27,881.51	392.27	0.00	0.00	0.00	0.00
Grand Total	6,557,005.14	1,104,208.08	1,071,784.87	1,030,055.45	1,007,734.63	504,021.31	264,641.62	1,574,559.18

Detroit Water and Sewerage Department

City of Detroit Accounts - Water

Aging Account Balances as of June 3, 2016 - Detail

Customer Name	Customer Number	Total Balance Due	Current	> 30 Days	> 60 Days	> 90 Days	> 120 Days	> 150 Days	> 180 Days
36TH DISTRICT COURT	100,591.300	429.43	167.33	159.36	102.74	0.00	0.00	0.00	0.00
36TH DISTRICT COURT - Total		429.43	167.33	159.36	102.74	0.00	0.00	0.00	0.00
CITY OF DETROIT - CAYMC	301,068.301	139.90	139.90	0.00	0.00	0.00	0.00	0.00	0.00
CITY OF DETROIT - CAYMC - Total		139.90	139.90	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT CITY AIRPORT	9,990,002.301	14,076.58	4,857.25	4,641.03	4,575.02	3.28	0.00	0.00	0.00
DETROIT CITY AIRPORT - Total		14,076.58	4,857.25	4,641.03	4,575.02	3.28	0.00	0.00	0.00
DWSD	200,128.300	10,180.32	9,420.25	760.07	0.00	0.00	0.00	0.00	0.00
	200,602.300	3,401.94	253.16	275.92	289.57	2,583.29	0.00	0.00	0.00
	201,463.300	1,379.85	50.66	55.21	57.49	1,216.49	0.00	0.00	0.00
	300,808.300	523.18	123.97	139.90	133.07	126.24	0.00	0.00	0.00
	2,804,999.300	1,444.75	332.74	346.39	421.50	344.12	0.00	0.00	0.00
	8,305,411.300	688.76	154.55	179.59	170.48	184.14	0.00	0.00	0.00
	9,990,047.300	24,503.39	12,199.75	12,303.64	0.00	0.00	0.00	0.00	0.00
DWSD - Total		42,122.19	22,535.08	14,060.72	1,072.11	4,454.28	0.00	0.00	0.00
ELECTIONS COMMISSION	101,272.301	517.72	517.72	0.00	0.00	0.00	0.00	0.00	0.00
ELECTIONS COMMISSION - Total		517.72	517.72	0.00	0.00	0.00	0.00	0.00	0.00
FIRE DEPARTMENT	63,003.303	86,514.35	0.00	0.00	0.00	0.00	0.00	0.00	86,514.35
	9,990,027.301	38,645.43	5,115.85	5,690.94	5,396.95	5,612.25	6,072.56	5,782.13	4,974.75
FIRE DEPARTMENT - Total		125,159.78	5,115.85	5,690.94	5,396.95	5,612.25	6,072.56	5,782.13	91,489.10
GENERAL SERVICES DEPARTMENT	9,990,015.301	18,648.64	4,507.32	4,668.90	4,799.37	4,304.75	368.30	0.00	0.00
GENERAL SERVICES DEPARTMENT - Total		18,648.64	4,507.32	4,668.90	4,799.37	4,304.75	368.30	0.00	0.00
HEALTH DEPARTMENT	9,990,007.301	37,693.82	829.65	851.32	858.14	849.04	824.00	826.28	32,655.39
HEALTH DEPARTMENT - Total		37,693.82	829.65	851.32	858.14	849.04	824.00	826.28	32,655.39
INSTITUTE OF ARTS	601,993.301	167.33	167.33	0.00	0.00	0.00	0.00	0.00	0.00
	9,990,013.301	3,569.78	3,569.78	0.00	0.00	0.00	0.00	0.00	0.00
INSTITUTE OF ARTS - Total		3,737.11	3,737.11	0.00	0.00	0.00	0.00	0.00	0.00
MUNICIPAL PARKING	9,990,018.301	18,909.61	4,699.88	4,483.68	5,036.70	4,689.35	0.00	0.00	0.00
MUNICIPAL PARKING - Total		18,909.61	4,699.88	4,483.68	5,036.70	4,689.35	0.00	0.00	0.00
PLANNING & DEVELOPMENT DEPT-DPS	9,990,045.300	140,455.64	5,223.67	5,309.92	7,248.47	23,667.39	4,396.41	4,379.17	90,230.61
PLANNING & DEVELOPMENT DEPT-DPS - Total		140,455.64	5,223.67	5,309.92	7,248.47	23,667.39	4,396.41	4,379.17	90,230.61
POLICE DEPARTMENT	9,990,012.301	38,044.20	8,270.11	7,163.22	17,319.51	5,291.36	0.00	0.00	0.00
POLICE DEPARTMENT - Total		38,044.20	8,270.11	7,163.22	17,319.51	5,291.36	0.00	0.00	0.00
PUBLIC LIBRARY	9,990,005.301	17,497.76	2,278.68	1,957.76	0.00	11,752.20	1,509.12	0.00	0.00
PUBLIC LIBRARY - Total		17,497.76	2,278.68	1,957.76	0.00	11,752.20	1,509.12	0.00	0.00
PUBLIC LIGHTING	9,990,006.301	23,463.49	1,223.30	1,222.58	1,560.16	2,153.59	1,797.15	1,462.29	14,044.42
PUBLIC LIGHTING - Total		23,463.49	1,223.30	1,222.58	1,560.16	2,153.59	1,797.15	1,462.29	14,044.42
PUBLIC WORKS	63,004.303	17,736.96	0.00	0.00	0.00	0.00	0.00	0.00	17,736.96
	9,990,008.301	9,436.29	4,731.31	4,704.98	0.00	0.00	0.00	0.00	0.00
PUBLIC WORKS - Total		27,173.25	4,731.31	4,704.98	0.00	0.00	0.00	0.00	17,736.96
RECREATION	301,138.300	(30.00)	0.00	0.00	0.00	0.00	0.00	0.00	(30.00)
	7,400,804.301	325.03	0.00	0.00	0.00	0.00	0.00	0.00	325.03
	8,800,027.300	60.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00
	8,800,241.300	30.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00
	9,990,016.301	52,569.68	11,686.96	11,987.56	13,242.48	12,376.53	3,276.15	0.00	0.00
RECREATION - Total		52,954.71	11,686.96	11,987.56	13,242.48	12,376.53	3,276.15	0.00	385.03
RECREATION (2)	9,990,014.301	40,559.79	6,967.50	7,445.42	7,146.49	6,907.07	7,870.24	4,223.07	0.00
RECREATION (2) - Total		40,559.79	6,967.50	7,445.42	7,146.49	6,907.07	7,870.24	4,223.07	0.00
TRANSPORTATION	9,990,017.301	19,451.52	14,917.31	4,534.21	0.00	0.00	0.00	0.00	0.00
TRANSPORTATION - Total		19,451.52	14,917.31	4,534.21	0.00	0.00	0.00	0.00	0.00
Overall - Total		621,035.14	102,405.93	78,881.60	68,358.14	82,061.09	26,113.93	16,672.94	246,541.51

Detroit Water and Sewerage Department

City of Detroit Accounts - Sewer

Aging Account Balances as of June 3, 2016 - Detail

Customer Name	Customer Number	Total Balance Due	Current	> 30 Days	> 60 Days	> 90 Days	> 120 Days	> 150 Days	> 180 Days
36TH DISTRICT COURT	100,591.400	312.42	121.74	115.94	74.74	0.00	0.00	0.00	0.00
	101,292.401	2,543.50	2,543.50	0.00	0.00	0.00	0.00	0.00	0.00
36TH DISTRICT COURT - Total		2,855.92	2,665.24	115.94	74.74	0.00	0.00	0.00	0.00
CITY OF DETROIT - CAYMC	301,068.401	265.30	265.30	0.00	0.00	0.00	0.00	0.00	0.00
CITY OF DETROIT - CAYMC - Total		265.30	265.30	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT CITY AIRPORT	9,990,002.401	132,838.74	44,628.57	44,151.57	44,005.96	52.64	0.00	0.00	0.00
DETROIT CITY AIRPORT - Total		132,838.74	44,628.57	44,151.57	44,005.96	52.64	0.00	0.00	0.00
DWSD	200,602.400	7,120.93	2,330.13	2,380.34	2,410.46	0.00	0.00	0.00	0.00
	201,463.400	3,640.42	1,224.62	1,234.91	1,180.89	0.00	0.00	0.00	0.00
	300,871.400	646.53	163.58	163.58	163.58	155.79	0.00	0.00	0.00
	2,804,999.400	1,001.86	195.00	225.13	390.82	190.91	0.00	0.00	0.00
	3,300,742.400	4,543.00	1,135.75	1,135.75	1,135.75	1,135.75	0.00	0.00	0.00
	3,402,446.400	4,944.44	1,236.11	1,236.11	1,236.11	1,236.11	0.00	0.00	0.00
	9,990,047.400	95,263.40	48,230.11	47,033.29	0.00	0.00	0.00	0.00	0.00
DWSD - Total		117,160.58	54,515.30	53,409.11	6,517.61	2,718.56	0.00	0.00	0.00
ELECTIONS COMMISSION	101,272.401	914.74	914.74	0.00	0.00	0.00	0.00	0.00	0.00
ELECTIONS COMMISSION - Total		914.74	914.74	0.00	0.00	0.00	0.00	0.00	0.00
FIRE DEPARTMENT	63,003.403	184,346.10	0.00	0.00	0.00	0.00	0.00	0.00	184,346.10
	9,990,027.401	131,332.38	18,266.62	19,402.23	18,839.46	19,071.40	19,860.55	19,578.47	16,313.65
FIRE DEPARTMENT - Total		315,678.48	18,266.62	19,402.23	18,839.46	19,071.40	19,860.55	19,578.47	200,659.75
GENERAL SERVICES DEPARTMENT	9,990,015.401	58,154.26	14,137.43	14,493.90	14,690.55	13,690.55	1,141.83	0.00	0.00
GENERAL SERVICES DEPARTMENT - Total		58,154.26	14,137.43	14,493.90	14,690.55	13,690.55	1,141.83	0.00	0.00
HEALTH DEPARTMENT	9,990,007.401	173,763.95	6,228.41	6,204.49	6,219.55	6,199.47	6,144.24	6,149.26	136,618.53
HEALTH DEPARTMENT - Total		173,763.95	6,228.41	6,204.49	6,219.55	6,199.47	6,144.24	6,149.26	136,618.53
INSTITUTE OF ARTS	601,993.401	486.22	486.22	0.00	0.00	0.00	0.00	0.00	0.00
	9,990,013.401	13,147.18	13,147.18	0.00	0.00	0.00	0.00	0.00	0.00
INSTITUTE OF ARTS - Total		13,633.40	13,633.40	0.00	0.00	0.00	0.00	0.00	0.00
MUNICIPAL PARKING	9,990,018.401	38,950.52	9,670.73	9,193.75	10,413.84	9,672.20	0.00	0.00	0.00
MUNICIPAL PARKING - Total		38,950.52	9,670.73	9,193.75	10,413.84	9,672.20	0.00	0.00	0.00
PLANNING & DEVELOPMENT DEPT-DPS	9,990,045.400	1,608,165.88	87,677.04	87,866.93	93,597.34	147,746.49	88,768.54	88,741.88	1,013,767.66
PLANNING & DEVELOPMENT DEPT-DPS - Total		1,608,165.88	87,677.04	87,866.93	93,597.34	147,746.49	88,768.54	88,741.88	1,013,767.66
POLICE DEPARTMENT	9,990,012.401	133,560.87	26,287.98	23,841.83	66,637.08	16,793.98	0.00	0.00	0.00
POLICE DEPARTMENT - Total		133,560.87	26,287.98	23,841.83	66,637.08	16,793.98	0.00	0.00	0.00
PUBLIC LIBRARY	9,990,005.401	87,312.31	14,849.05	14,141.09	5,657.53	35,615.91	17,008.07	40.66	0.00
PUBLIC LIBRARY - Total		87,312.31	14,849.05	14,141.09	5,657.53	35,615.91	17,008.07	40.66	0.00
PUBLIC LIGHTING	9,990,006.401	345,969.00	26,510.77	26,692.80	27,253.87	27,811.99	27,699.63	27,258.66	182,741.28
PUBLIC LIGHTING - Total		345,969.00	26,510.77	26,692.80	27,253.87	27,811.99	27,699.63	27,258.66	182,741.28
PUBLIC WORKS	63,004.403	38,640.06	0.00	0.00	0.00	0.00	0.00	0.00	38,640.06
	9,990,008.401	113,149.79	41,427.98	41,458.09	30,263.72	0.00	0.00	0.00	0.00
PUBLIC WORKS - Total		151,789.85	41,427.98	41,458.09	30,263.72	0.00	0.00	0.00	38,640.06
RECREATION	7,400,804.401	2,131.90	0.00	0.00	0.00	0.00	0.00	0.00	2,131.90
	9,990,016.401	2,310,831.01	535,056.16	538,820.83	542,334.18	540,903.21	153,716.63	0.00	0.00
RECREATION - Total		2,312,962.91	535,056.16	538,820.83	542,334.18	540,903.21	153,716.63	0.00	2,131.90
RECREATION (2)	9,990,014.401	983,967.34	156,686.05	164,110.80	163,157.75	187,458.23	189,681.82	122,872.69	0.00
RECREATION (2) - Total		983,967.34	156,686.05	164,110.80	163,157.75	187,458.23	189,681.82	122,872.69	0.00
TRANSPORTATION	9,990,017.401	79,061.09	50,787.31	27,881.51	392.27	0.00	0.00	0.00	0.00
TRANSPORTATION - Total		79,061.09	50,787.31	27,881.51	392.27	0.00	0.00	0.00	0.00
Overall - Total		6,557,005.14	1,104,208.08	1,071,784.87	1,030,055.45	1,007,734.63	504,021.31	264,641.62	1,574,559.18



DRAFT

APPENDIX – DETAILED FINANCIALS & FORECAST



DETROIT WATER & SEWER BUDGET TO FORECAST

FY2016 10+2

	Water						Sewer					
	BUDGET	10+2 FCST	10+2 RISKS	10+2 OPPS.	10+2 RISKS ADJUSTED	10+2 VAR. F/(U)	BUDGET	10+2 FCST	10+2 RISKS	10+2 OPPS.	10+2 RISKS ADJUSTED	10+2 VAR. F/(U)
Sales Revenue												
Retail Domestic MCF Changes	\$ 75,108,000	\$ 70,392,357			70,392,357	(4,715,643)	\$ 265,511,735	\$ 263,029,788			263,029,788	(2,481,947)
Retail Fixed Charges	34,394,630	28,209,271			28,209,271	(6,185,359)	13,721,400	11,546,970			11,546,970	(2,174,430)
Fees, Penalties, & Adjustments	4,750,000	5,875,606			5,875,606	1,125,606	5,000,000	(38,208)		2,000,000	1,961,792	(3,038,208)
Less: Bad Debt & NSF's	-	-			-	-	-	-		-	-	-
Net Sales Revenue	\$ 114,252,630	\$ 104,477,234			\$ 104,477,234	\$ (9,775,397)	\$ 284,233,135	\$ 274,538,550			\$ 276,538,550	\$ (7,694,585)
Controllable Operations & Maintenance												
Personnel	17,523,547	17,225,063		(1,920,000)	15,305,063	2,218,484	12,586,288	11,520,819		(1,280,000)	10,240,819	2,345,469
Contracted Services (1)	20,708,263	8,347,853	3,950,000		12,297,853	8,410,410	13,973,909	4,985,380	3,950,000		8,935,380	5,038,529
Utilities	74,378	701,695			701,695	(627,317)	2,829,236	701,956			701,956	2,127,280
Fringes, Taxes & Other Overhead (2)	10,845,909	4,505,522	4,262,900		8,768,422	2,077,487	7,360,682	3,926,362	2,861,600		6,787,962	572,719
Total O&M Charges	\$ 49,152,097	\$ 30,780,133	\$ 8,212,900	\$ (1,920,000)	\$ 37,073,033	\$ 12,079,064	\$ 36,750,114	\$ 21,134,517	\$ 6,811,600	\$ (1,280,000)	\$ 26,666,117	\$ 10,083,997
Contribution Margin	\$ 65,100,533	\$ 73,697,101	\$ (8,212,900)	\$ 1,920,000	\$ 67,404,201	\$ 2,303,668	\$ 247,483,022	\$ 253,404,033	\$ (6,811,600)	\$ 1,280,000	\$ 249,872,433	\$ 2,389,412
Wholesale O&M Allocation												
Monthly Wholesale O&M Charges	14,071,543	14,071,543			14,071,543	-	61,016,006	61,016,006			61,016,006	-
Depreciation and Amortization	-	-			-	-	-	-			-	-
Ownership Equity	(13,634,076)	(13,634,076)			(13,634,076)	-	(1,823,078)	(1,823,078)			(1,823,078)	-
Total Wholesale Rate Charges	\$ 437,467	\$ 437,467	\$ -	\$ -	\$ 437,467	\$ -	\$ 59,192,928	\$ 59,192,928	\$ -	\$ -	\$ 59,192,928	\$ -
Gross Margin	\$ 64,663,066	\$ 73,259,634	\$ (8,212,900)	\$ 1,920,000	\$ 66,966,734	\$ 2,303,668	\$ 188,290,093	\$ 194,211,105	\$ (6,811,600)	\$ 1,280,000	\$ 188,679,505	\$ 2,389,412
Shared Services & Other Expenses												
Retail Allocation	4,969,467	4,969,467			4,969,467	-	25,893,058	25,893,058			25,893,058	-
Other CTA Allocation	2,323,176	2,323,176			2,323,176	-	2,961,775	2,961,775			2,961,775	-
Additional Cost of Equity	(7,065,924)	(7,065,924)			(7,065,924)	-	(3,692,922)	(3,692,922)			(3,692,922)	-
Depreciation and Amortization	-	-			-	-	-	-			-	-
Total Other Operating Expenses	\$ 226,719	\$ 226,719	\$ -	\$ -	\$ 226,719	\$ -	\$ 25,161,911	\$ 25,161,911	\$ -	\$ -	\$ 25,161,911	\$ -
Operating Surplus/(Deficit)	\$ 64,436,347	\$ 73,032,915	\$ (8,212,900)	\$ 1,920,000	\$ 66,740,015	\$ 2,303,668	\$ 163,128,182	\$ 169,049,194	\$ (6,811,600)	\$ 1,280,000	\$ 163,517,594	\$ 2,389,412
Non-Operating Expense / (Income)												
Interest Expense	30,159,907	30,159,907			30,159,907	-	67,750,066	67,750,066			67,750,066	-
Lease Payments	199,700	(19,970,113)			(19,970,113)	20,169,813	(8,041,021)	(15,549,525)			(15,549,525)	7,508,504
WRAP Deposits	222,765	603,744			603,744	(380,979)	1,315,921	1,315,921			1,315,921	-
ER&R	166,586	713,792			713,792	(547,206)	1,024,493	1,024,493			1,024,493	-
B-Note Payment	706,644	706,644			706,644	-	7,206,431	7,206,431			7,206,431	-
Budget Stabilization Deposits	2,327,026	2,327,026			2,327,026	-	5,591,500	4,295,735			4,295,735	1,295,765
Total Non-Operating Expenses	\$ 33,782,628	\$ 14,541,001	\$ -	\$ -	\$ 14,541,001	\$ 19,241,627	\$ 74,847,390	\$ 66,043,120	\$ -	\$ -	\$ 66,043,120	\$ 8,804,269
Surplus / (Deficit) Before Other Adj.	\$ 30,653,719	\$ 58,491,914	\$ (8,212,900)	\$ 1,920,000	\$ 52,199,014	\$ 21,545,295	\$ 88,280,793	\$ 103,006,074	\$ (6,811,600)	\$ 1,280,000	\$ 97,474,474	\$ 11,193,681
Other Adjustments/(Credit)												
Net Surplus / (Deficit)	\$ 30,653,719	\$ 58,491,914	\$ (8,212,900)	\$ 1,920,000	\$ 52,199,014	\$ 21,545,295	\$ 88,280,793	\$ 103,006,074	\$ (6,811,600)	\$ 1,280,000	\$ 97,474,474	\$ 11,193,681
SBIDA	\$ 60,813,627	\$ 88,651,821	\$ (8,212,900)	\$ 1,920,000	\$ 82,358,921	\$ 21,545,295	\$ 156,030,858	\$ 170,756,140	\$ (6,811,600)	\$ 1,280,000	\$ 165,224,540	\$ 11,193,681
Beginning Reserves	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -			\$ -	\$ -
Transition Cash	-	25,700,000			25,700,000	25,700,000	-	28,600,000			28,600,000	28,600,000
Capital Spending	-	(22,536,000)			(22,536,000)	(22,536,000)	-	(425,063)			(425,063)	(425,063)
New Borrowings	-	-			-	-	-	-			-	-
Actual Debt Payments	(44,892,243)	(44,892,243)			(44,892,243)	-	(120,404,712)	(118,270,221)			(118,270,221)	2,134,492
Change in Receivables Net of Write-Offs	(16,000,000)	(1,948,182)			(1,948,182)	14,051,818	(39,000,000)	(32,030,636)			(32,030,636)	6,969,364
Ending Reserves	\$ (78,617)	\$ 44,975,396	\$ (8,212,900)	\$ 1,920,000	\$ 38,682,496	\$ 38,761,112	\$ (3,373,854)	\$ 48,630,221	\$ (6,811,600)	\$ 1,280,000	\$ 43,098,621	\$ 48,472,475

(1) Unaccounted for expenses

(2) Unaccrued Operating Pension Expense



DETROIT WATER & SEWER 4-YEAR FORECAST
CASHFLOW STATEMENT FORECAST

	Water						Sewer					
	YTD	FCST	FY Forecast	FORECAST			YTD	FCST	10+2	2017	2018	2019
	2016	2016	10+2	2017	2018	2019	2016	2016	10+2	2017	2018	2019
Beginning Cash	\$ -	\$ 26,619,686	\$ -	7,627,761	(4,744,280)	(19,004,507)	\$ -	\$ 18,917,895	\$ -	8,605,953	194,414	9,861,679
Cashflow From Operating Activities												
Net Operating Surplus / (Deficit)	\$ 62,494,738	\$ 10,538,177	\$ 73,032,915	\$ 62,815,793	\$ 60,196,625	\$ 56,061,615	\$ 140,881,749	\$ 28,167,445	\$ 169,049,194	\$ 168,246,928	\$ 157,392,362	\$ 150,574,952
Transfers to GLWA	(35,035,421)	(18,299,787)	(53,335,208)	(38,263,634)	(34,787,598)	(33,816,364)	(655,435)	(26,409,334)	(27,064,769)	(53,241,215)	(42,066,251)	(36,879,410)
Transfers from GLWA	34,240,286	7,447,287	41,687,573	47,746,820	38,680,982	35,221,615	23,030,239	5,568,199	28,598,438	42,690,312	53,871,617	42,721,657
Depreciation / Amortization	-	-	-	-	-	-	-	-	-	-	-	-
Change In Receivables	(3,203,428)	1,255,246	(1,948,182)	(11,877,298)	(13,116,977)	(12,683,922)	(27,490,892)	(4,539,744)	(32,030,636)	(27,920,034)	(26,614,485)	(27,375,432)
Change in Payables	-	-	-	-	-	-	-	-	-	-	-	-
Net Cashflow From Operating Activities	\$ 58,496,174	\$ 940,924	\$ 59,437,098	\$ 60,421,681	\$ 50,973,032	\$ 44,782,944	\$ 135,765,661	\$ 2,786,567	\$ 138,552,228	\$ 129,775,991	\$ 142,583,242	\$ 129,041,766
Cashflow From Investing Activities												
CAPEX	-	(22,536,000)	(22,536,000)	(50,126,000)	(42,531,000)	(56,093,000)	-	(13,383,000)	(13,383,000)	(21,402,900)	(13,875,000)	(28,793,000)
Lease Payment (Net)	16,641,760	3,328,353	19,970,113	19,970,116	19,970,116	19,970,116	12,957,937	2,591,587	15,549,525	15,549,524	15,549,525	15,549,525
Extraordinary Repair & Replacement Deposits	(594,827)	(118,965)	(713,792)	(713,792)	(713,792)	(713,792)	(853,744)	(170,749)	(1,024,493)	(1,024,493)	(1,024,493)	(1,024,493)
Sale of Capital Assets	-	-	-	-	-	-	-	-	-	-	-	-
Purchase of Securities	-	-	-	-	-	-	-	-	-	-	-	-
Sale of Securities	-	-	-	-	-	-	-	-	-	-	-	-
Net Cashflow From Investing Activities	\$ 16,046,933	\$ (19,326,613)	\$ (3,279,679)	\$ (30,869,676)	\$ (23,274,676)	\$ (36,836,676)	\$ 12,104,193	\$ (10,962,161)	\$ 1,142,031	\$ (6,877,869)	\$ 650,031	\$ (14,267,969)
Cashflow From Financing Activities												
Senior Principal Payments	(35,100,183)	-	(35,100,183)	(33,965,122)	(34,003,182)	(33,898,351)	(69,836,313)	-	(69,836,313)	(74,645,232)	(74,097,481)	(75,188,002)
2nd Lien Principal Payments	(9,740,240)	-	(9,740,240)	(10,717,861)	(10,717,765)	(10,851,814)	(30,268,836)	-	(30,268,836)	(25,462,788)	(26,145,801)	(25,654,163)
Junior Lien Principal Payments	(51,821)	-	(51,821)	(452,585)	(448,731)	(449,835)	(18,165,071)	-	(18,165,071)	(20,274,520)	(22,365,814)	(22,381,295)
New DWSDR Borrowings	-	-	-	6,850,000	6,850,000	5,000,000	-	-	-	-	-	-
WRAP Payments	(503,120)	(100,624)	(603,744)	(604,809)	(605,235)	(605,235)	(1,096,601)	(219,320)	(1,315,921)	(1,368,558)	(1,398,348)	(1,400,007)
B-Note Payment	(588,870)	(117,774)	(706,644)	(706,644)	(706,644)	(706,644)	(6,005,359)	(1,201,072)	(7,206,431)	(7,206,431)	(7,206,431)	(7,206,431)
Budget Stabilization Requirements	(1,939,188)	(387,838)	(2,327,026)	(2,327,026)	(2,327,026)	-	(3,579,779)	(715,956)	(4,295,735)	(2,352,133)	(2,352,133)	-
Total Wholesale Rate Charges	\$ (47,923,422)	\$ (606,236)	\$ (48,529,657)	\$ (41,924,046)	\$ (41,958,583)	\$ (41,511,879)	\$ (128,951,959)	\$ (2,136,348)	\$ (131,088,306)	\$ (131,309,660)	\$ (133,566,008)	\$ (131,829,898)
Total Increase / (Decrease) in Cash Balances	\$ 26,619,686	\$ (18,991,925)	\$ 7,627,761	\$ (12,372,041)	\$ (14,260,227)	\$ (33,565,611)	\$ 18,917,895	\$ (10,311,942)	\$ 8,605,953	\$ (8,411,539)	\$ 9,667,265	\$ (17,056,100)
Ending Cash	\$ 26,619,686	7,627,761	7,627,761	(4,744,280)	(19,004,507)	(52,570,118)	\$ 18,917,895	8,605,953	8,605,953	194,414	9,861,679	(7,194,421)

Note: Cash flow statement is pro forma; DWS still lacks certain data to perform full reconciliation