

FINANCIAL REPORT

February 2017



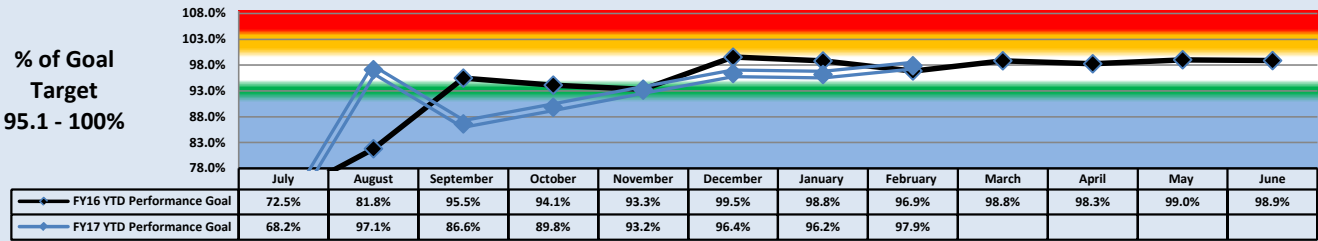
METROPOLITAN SEWER DISTRICT
MONTHLY FINANCIAL REPORT
February 2017

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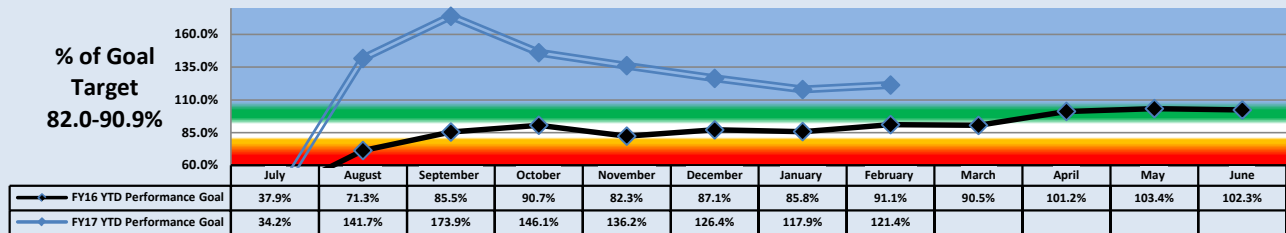
Operational Expense

FY17 \$120,930,511



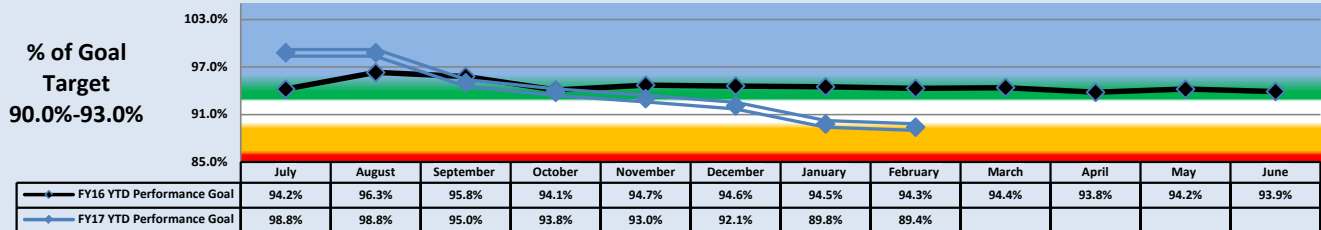
Capital Expense

FY17 \$166,900,000



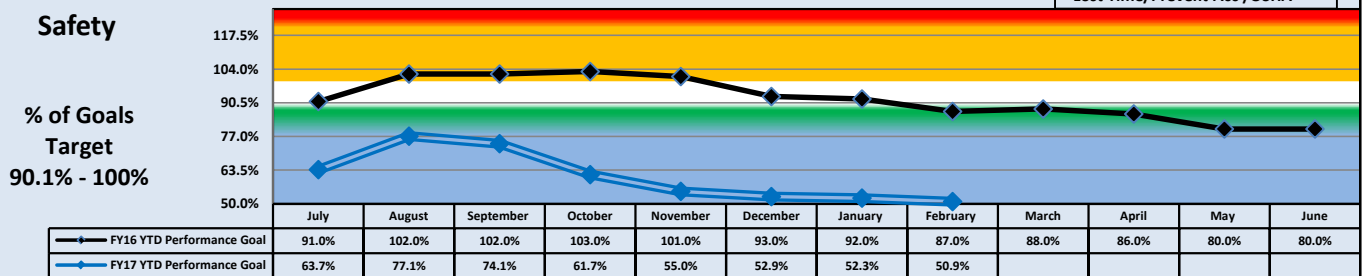
Regulatory

Violation Free Months



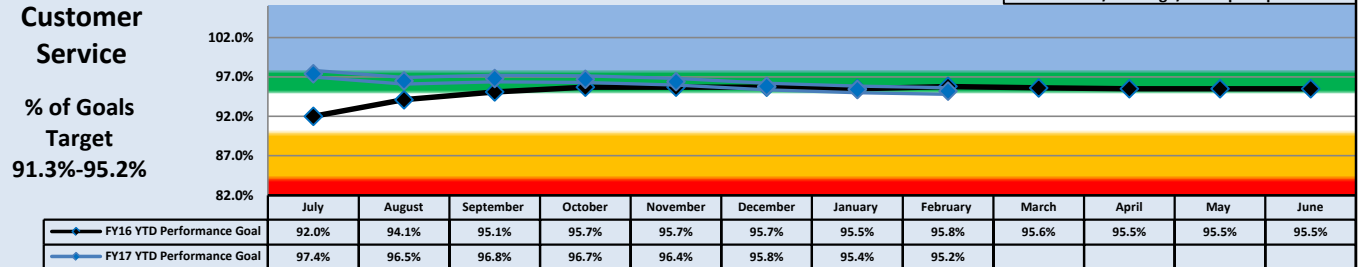
Safety

Lost Time/Prevent Acc /OSHA



Customer Service

Service/Drainage/Backup Requests



METROPOLITAN SEWER DISTRICT
FINANCIAL OVERVIEW
FEBRUARY 28, 2017

REVENUES:

Revenue (thousands)	YTD FY 2017	YTD FY 2016	Variance	% Change	FYTD 2017 Budget	FY 2017 Budget Var	%
Wastewater	132,199	120,575	11,625	9.64%	129,155	3,044	2.36%
Stormwater	39,261	35,588	3,673	10.32%	39,554	(293)	(0.74%)
Other	2,681	2,701	(21)	(0.77%)	2,667	14	0.52%
Total Operating Revenue	\$ 174,141	\$ 158,864	\$ 15,277	9.62%	\$ 171,376	\$ 2,765	1.61%

Year to date Total Operating Revenue is \$174.1 million compared to \$158.8 million for the same period last year, an increase of \$15.2 million or 9.6%. FY16 YTD revenue was understated by \$2.3 million at 2/29/16 due to CC&B file posting errors. This revenue was posted in March 2016. Adjusting for this error Total Operating Revenue is up 8% to FY16. Total Operating Revenue is up \$2.7 million or 1.6% to budget.

- Wastewater Service Charges total \$132.1 million year to date. This is an increase of \$11.6 million or 9.6% from last year and is \$3.0 million or 2.3% higher than budget. The year to date increase over fiscal year 2016 is attributable to the August rate increase of 6.9% and the FY16 revenue posting error identified above.
- Stormwater Service Charges are \$39.2 million for the year, an increase of \$3.6 million or 10.3% from last year and are \$0.2 million or 0.7% lower than budget. The year to date increase over fiscal year 2016 is attributable to the August rate increase of 6.9% and the FY16 revenue posting error identified above.
- Other Income totals \$2.6 million year to date. This is a decrease of \$0.2 million or 7.7% from last year and is \$0.01 million or 0.5% more than budget. The year over year decrease is due to a \$0.9 million correction made in October 2016 for 2016 assessment payments that were incorrectly recorded as revenue and a reversal of \$0.4 million of fines that were erroneously billed in a previous fiscal year.

OPERATING EXPENSES:

Expenses (thousands)	YTD FY 2017	YTD FY 2016	Variance	% Change	FYTD 2017 Budget	FY 2017 Budget Var	%
Service & Admin Costs	55,698	54,778	921	1.68%	60,467	(4,769)	(7.89%)
Depreciation	51,056	41,046	10,009	24.38%	50,333	722	1.43%
Total Operating Expenses	\$ 106,754	\$ 95,824	\$ 10,930	11.41%	\$ 110,801	\$ (4,047)	(3.65%)

Service & Administrative Costs are \$55.6 million year to date. This is \$0.9 million or 1.6% more than the same period last year and \$4.7 million or 7.18% less than budget. Service & Administrative savings to budget are being driven by Contractual Services, Utilities, and Materials and Supplies.

Depreciation expense totals \$51 million year to date. This is an increase of \$10 million or 24.3% from a year ago and \$0.7 million or 1.4% more than budget. We increased the budget for depreciation expense from \$64 million to \$75.5 million on September 30, 2016. We capitalized \$344 million in assets during fiscal year 2016. These assets are driving the year over year increase in depreciation expense and necessitated the amendment to the 2017 budget.

Total Operating Expenses for fiscal year 2017 are \$106.7 million which is 11.4% or \$10 million more than the same period last year and 3.6% or \$4 million less than budget. This increase is almost entirely driven by Depreciation expense.

NET INCOME:

Net Income (thousands)	YTD FY 2017	YTD FY 2016	Variance	% Change	FYTD 2017 Budget	FY 2017 Budget Var	%
Net Operating Income	67,387	63,040	4,347	6.90%	60,575	6,812	11.25%
Investment Income	9,586	11,449	(1,863)	(16.27%)	11,672	(2,086)	(17.87%)
Interest Expense	(50,255)	(49,601)	(654)	(1.32%)	(52,133)	1,878	3.60%
Other Non-operating	4,136	-	4,136	0.00%	-	4,136	
Net Income before Swaps	30,854	24,887	5,967	23.97%	20,114	10,740	53.40%
Change in Fair Value/Swap	25,185	(10,285)	35,470	344.88%	-	25,185	
Total Net Income	\$ 56,040	\$ 14,603	\$ 41,437	283.76%	\$ 20,114	\$ 35,926	178.61%

Year to date Net Operating Income is \$67.3 million compared to \$63 million for the same period last year, an increase of 4.3 million or 6.9% and is \$6.8 million or 11.2% more than the year to date budget.

Year to date Investment Income is \$9.5 million compared to \$11.4 million for the same period last year, a decrease of \$1.8 million or 16.2% and is \$2 million or 17.8% less than budget. The primary driver in the decrease continues to be the mark to market change in the value of investments.

Year to date Interest Expense is \$0.6 million or 1.3% less than last year and \$1.8 million or 3.6% less than budget.

Year to date Net Income before Swaps totaled \$30.8 million compared to \$24.8 million for the same period last year, an increase of \$5.9 million or 23.9% and is \$10.7 million or 53.4% higher than budget.

Year to date Net Income/(Loss) including the mark to market change on swaps totaled \$56 million. This is \$41.4 million or 283.7% more than the same period last year and \$35.9 million or 178.6% more than budget. The mark to market change on swaps has steadily improved over the last 7 months as interest rates have increased.

Submitted by: Brad Good
March 14, 2017

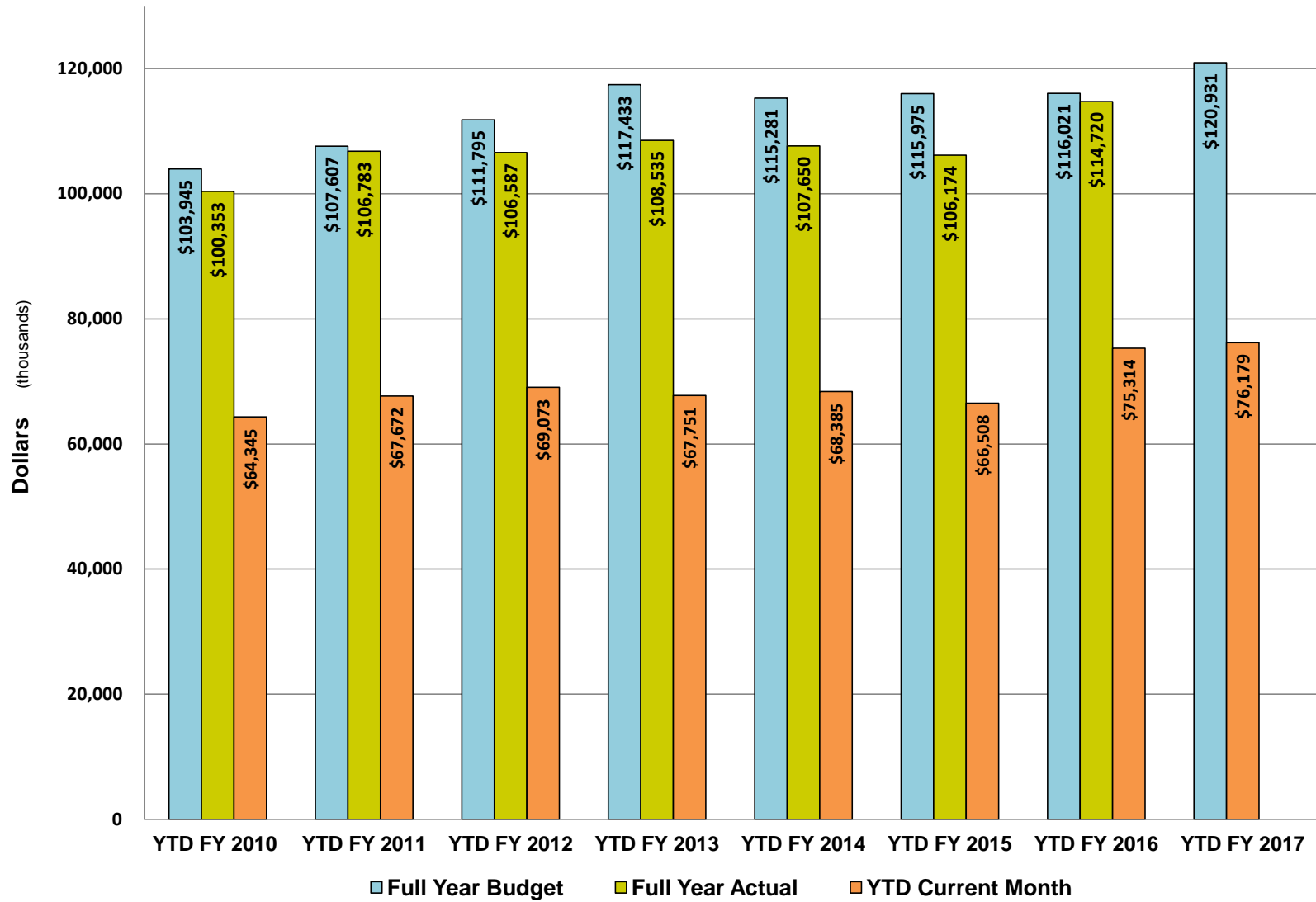
STATEMENT OF CHANGES IN NET POSITION, FEBRUARY 28, 2017

MTD February 2017	MTD February 2016	Variance	Percent		YTD February 2017	YTD February 2016	Variance	Percent
9,231,156.95	7,758,085.20	1,473,071.75	18.99%	Sewer Charges				
3,910,216.75	3,400,799.33	509,417.42	14.98%	Residential	73,151,615.26	65,952,306.57	7,199,308.69	10.92%
1,623,505.37	1,693,539.84	(70,034.47)	-4.14%	Commercial	41,937,015.16	38,838,294.07	3,098,721.09	7.98%
322,983.92	394,655.97	(71,672.05)	-18.16%	Industrial	14,729,853.88	13,026,524.15	1,703,329.73	13.08%
(125,601.03)	(157,412.49)	31,811.46	-20.21%	Other	5,257,813.08	6,030,146.63	(772,333.55)	-12.81%
14,962,261.96	13,089,667.85	1,872,594.11	14.31%	Free Sewer Charges	(2,876,920.55)	(3,272,729.55)	395,809.00	-12.09%
				Total Sewer Charges	132,199,376.83	120,574,541.87	11,624,834.96	9.64%
4,975,567.55	4,417,040.06	558,527.49	12.64%	Drainage Charges	39,261,389.52	35,588,008.08	3,673,381.44	10.32%
19,937,829.51	17,506,707.91	2,431,121.60	13.89%	Total Service Charges	171,460,766.35	156,162,549.95	15,298,216.40	9.80%
421,246.46	318,055.30	103,191.16	32.44%	Other Operating Income	2,680,539.56	2,701,372.82	(20,833.26)	-0.77%
20,359,075.97	17,824,763.21	2,534,312.76	14.2%	Total Operating Revenue	174,141,305.91	158,863,922.77	15,277,383.14	9.6%
				Operating Expenses				
3,200,101.37	3,096,561.92	103,539.45	3.34%	Salaries & Wages	27,145,667.62	26,974,875.85	170,791.77	0.63%
1,220,980.10	1,186,684.72	34,295.38	2.89%	Labor Related Overhead	10,678,788.85	10,451,141.73	227,647.12	2.18%
1,139,304.62	1,432,925.58	(293,620.96)	-20.49%	Utilities	9,145,354.32	12,482,108.58	(3,336,754.26)	-26.73%
747,056.98	1,170,530.89	(423,473.91)	-36.18%	Materials & Supplies	4,591,774.14	5,848,714.40	(1,256,940.26)	-21.49%
2,958,866.77	(291,022.92)	3,249,889.69	-1116.71%	Contractual Services	16,539,166.51	14,289,153.81	2,250,012.70	15.75%
409,368.16	295,825.65	113,542.51	38.38%	Chemicals	3,721,536.01	2,608,323.91	1,113,212.10	42.68%
87,002.34	62,028.54	24,973.80	40.26%	Fuel	701,420.48	973,827.87	(272,407.39)	-27.97%
162,515.42	153,539.77	8,975.65	5.85%	Insurance Premiums & Claims	1,114,768.65	1,112,421.64	2,347.01	0.21%
421,773.00	(4,908,306.51)	5,330,079.51	-108.59%	Bad Debt	2,399,301.49	893,605.43	1,505,696.06	168.50%
292,683.83	59,719.25	232,964.58	390.10%	Other Operating Expense	906,841.55	697,765.36	209,076.19	29.96%
(765,679.36)	-	(765,679.36)		Mapping/Insurance Recovery	(765,679.36)	(1,018,097.00)	252,417.64	
(3,311,628.43)	(2,034,851.47)	(1,276,776.96)	62.75%	Capitalized Overhead	(20,480,529.26)	(20,536,306.89)	55,777.63	-0.27%
-	-	-		Capital Expenses (over)/under applied	-	-	-	
6,562,344.80	223,635.42	6,338,709.38	2834.39%	Total Service and Administrative Costs	55,698,411.00	54,777,534.69	920,876.31	1.68%
6,251,169.22	5,024,369.92	1,226,799.30	24.42%	Depreciation	50,200,044.38	40,184,797.32	10,015,247.06	24.92%
109,649.59	104,697.12	4,952.47	4.73%	Amortization	855,490.56	861,616.96	(6,126.40)	-0.71%
6,360,818.81	5,129,067.04	1,231,751.77	24.02%	Total Depreciation/Amortization	51,055,534.94	41,046,414.28	10,009,120.66	24.38%
12,923,163.61	5,352,702.46	7,570,461.15	141.4%	Total Operating Expenses	106,753,945.94	95,823,948.97	10,929,996.97	11.4%
7,435,912.36	12,472,060.75	(5,036,148.39)	-40.4%	Net Operating Income	67,387,359.97	63,039,973.80	4,347,386.17	6.9%
				Non-Operating Revenue (Expenses)				
-	-	-		Gain/Loss Disposal of Assets	10,000.00	-	10,000.00	
1,361,350.92	952,537.65	408,813.27	42.92%	Investment Income	9,576,282.37	11,448,964.86	(1,872,682.49)	-16.36%
(6,527,752.09)	(6,130,183.80)	(397,568.29)	6.49%	Interest Expense	(50,255,311.32)	(49,601,439.77)	(653,871.55)	1.32%
(5,166,401.17)	(5,177,646.15)	11,244.98	-0.2%	Total Non-Operating Revenue (Expenses)	(40,669,028.95)	(38,152,474.91)	(2,516,554.04)	6.6%
1,717,227.72	-	1,717,227.72		Contributions	4,135,924.72	-	4,135,924.72	
3,986,738.91	7,294,414.60	(3,307,675.69)	-45.3%	Change in Net Position before change in Swaps	30,854,255.74	24,887,498.89	5,966,756.85	24.0%
(140,161.90)	4,395,178.40	(4,535,340.30)	-103.19%	Change in Fair Value of Swaps	25,185,275.49	(10,284,570.84)	35,469,846.33	-344.88%
3,846,577.01	11,689,593.00	(7,843,015.99)	-67.1%	Change in Net Position after change in Swaps	56,039,531.23	14,602,928.05	41,436,603.18	283.8%

STATEMENT OF NET POSITION, FEBRUARY, 2017

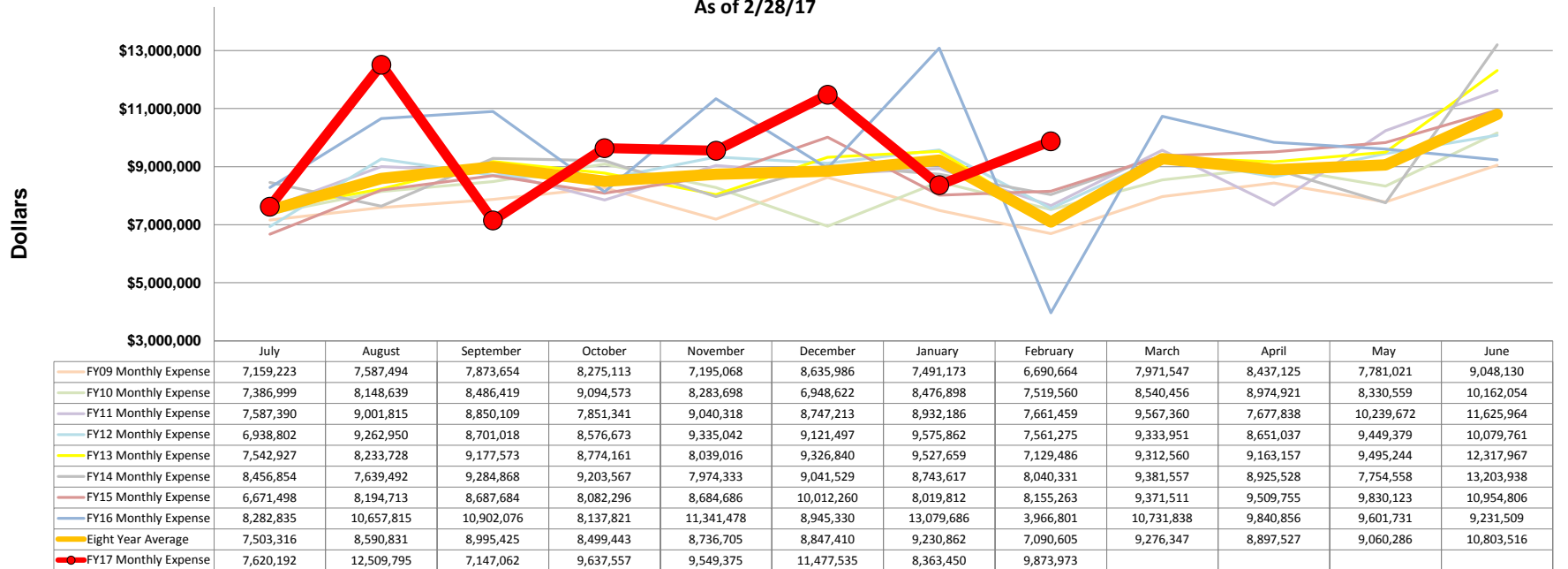
	YTD February	YTD June 2016	Variance	Percent
Current Assets				
Unrestricted Cash & Cash Equivalents	71,141,202.68	69,781,021.66	1,360,181.02	1.95%
Sewer & Drainage Receivable	18,420,365.43	17,803,632.37	616,733.06	3.46%
Assessment Warrants Receivable	591,174.55	880,926.36	(289,751.81)	-32.89%
Miscellaneous Receivables	5,384,841.55	7,869,206.38	(2,484,364.83)	-31.57%
Inventories	4,153,621.37	4,210,049.05	(56,427.68)	-1.34%
Prepaid Expenses	1,591,937.20	1,790,867.76	(198,930.56)	-11.11%
Restricted Funds	233,651,518.67	169,825,007.59	63,826,511.08	37.58%
Accrued Interest Receivable	1,193,227.98	1,193,227.98	-	0.00%
Total Current Assets	336,127,889.43	273,353,939.15	62,773,950.28	22.96%
Non-Current Assets				
Utility Plant in Service	3,215,110,072.99	3,155,695,912.16	59,414,160.83	1.88%
Accumulated Depreciation	(1,120,351,718.18)	(1,070,108,119.48)	(50,243,598.70)	4.70%
Construction in Progress	579,032,811.37	487,674,069.17	91,358,742.20	18.73%
Net Fixed Assets	2,673,791,166.18	2,573,261,861.85	100,529,304.33	3.91%
Non-Current Receivables	33,521,227.40	29,456,444.66	4,064,782.74	13.80%
Total Assets	3,043,440,283.01	2,876,072,245.66	167,368,037.35	5.82%
Total Deferred Outflow of Resources	32,003,383.53	23,707,870.26	8,295,513.27	34.99%
Total Assets & Deferred Outflow of Resources	3,075,443,666.54	2,899,780,115.92	175,663,550.62	6.06%
Current Liabilities				
Miscellaneous Accounts Payable	6,715,377.14	11,114,898.55	(4,399,521.41)	-39.58%
Accounts Payable - Construction	4,895,170.87	19,021,259.64	(14,126,088.77)	-74.26%
Contract Retainage	14,631,991.50	14,249,364.70	382,626.80	2.69%
Accrued Interest Payable	28,319,039.20	17,532,813.96	10,786,225.24	61.52%
Current Maturities of Bonds Payable	32,045,000.00	31,825,000.00	220,000.00	0.69%
Bond Anticipation Notes	228,362,834.27	228,411,814.96	(48,980.69)	-0.02%
Deposits Payable	2,877,475.42	2,557,425.87	320,049.55	12.51%
Accrued Salaries & Wages	1,567,325.83	2,750,705.13	(1,183,379.30)	-43.02%
Accrued Workers' Comp Insurance	1,307,381.18	1,270,001.46	37,379.72	2.94%
Employee Comp Absences Payable	2,546,622.07	2,284,835.53	261,786.54	11.46%
Total Current Liabilities	323,268,217.48	331,018,119.80	(7,749,902.32)	-2.34%
Non-Current Liabilities				
Long-Term Debt Payable	1,865,260,000.00	1,722,745,000.00	142,515,000.00	8.27%
Other Long-Term Liability	147,444,672.80	136,805,025.36	10,639,647.44	7.78%
Total Non-Current Liabilities	2,012,704,672.80	1,859,550,025.36	153,154,647.44	8.24%
Total Liabilities	2,335,972,890.28	2,190,568,145.16	145,404,745.12	6.64%
Total Deferred Inflow of Resources	82,852,164.02	108,632,889.75	(25,780,725.73)	-23.73%
Total Liabilities & Deferred Inflow of Resources	2,418,825,054.30	2,299,201,034.91	119,624,019.39	5.20%
Net Position	656,618,612.24	600,579,081.01	56,039,531.23	9.33%

FY 2017
MSD Operating Budget Performance
as of 2/28/17



Prepared by : Patrick Meador

MSD
FY 2017 Monthly Operating Performance
Actual Results versus Eight Year Average
As of 2/28/17



Prepared by: Patrick Meador

(February Average & Actual results lower due to short period's impact on Salary & Labor Related Overhead expenses.)

FY16 February decrease due to reclasses of \$6.5mil for Bad Debt and \$2.0mil for Capital expenses from Operating, and also recording insurance reimbursements of \$1.750mil for flooding at MFWTP.

FY 2017
Summary of MSD Operating Expense
as of 2/28/17

<u>Operating Expenses</u>	<u>FY17 Budget</u>	<u>FY17 YTD Actual</u>	<u>FY16 YTD Actual</u>	<u>Variance Actual to Budget</u>	<u>Variance Actual to Prior Year</u>
Salaries & Wages	25,905,605	27,145,668	26,510,254	1,240,063	635,414
Labor Related Overhead	12,147,850	10,678,789	10,451,142	(1,469,061)	227,647
Utilities	9,948,492	9,145,354	12,482,109	(803,138)	(3,336,755)
Materials & Supplies	5,619,517	4,697,714	5,647,333	(921,803)	(949,619)
Contractual Services	16,507,617	15,620,397	15,041,960	(887,220)	578,437
Chemicals	2,651,351	3,589,194	2,608,284	937,843	980,910
Fuel	903,482	701,831	782,259	(201,651)	(80,428)
Insurance Premiums & Claims	1,290,365	1,114,769	1,112,422	(175,596)	2,347
Bad Debt	1,333,328	2,399,301	893,605	1,065,973	1,505,696
Other Operating Expense	1,524,854	899,015	671,736	(625,839)	227,279
System Roll-up Variance	0	186,907	(887,261)	186,907	1,074,168
TOTAL	77,832,461	76,178,939	75,313,843	(1,653,522)	865,095

<u>DIVISIONS</u>	<u>FY17 Budget</u>	<u>FY17 YTD Actual</u>	<u>FY16 YTD Actual</u>	<u>Variance Actual to Budget</u>	<u>Variance Actual to Prior Year</u>
Engineering	6,643,376	5,861,496	5,088,951	(781,880)	772,545
Executive	(1,697,190)	2,409,197	292,486	4,106,387	2,116,711
Finance	7,737,821	8,667,219	6,562,630	929,398	2,104,589
Human Resources	4,581,773	3,882,881	4,452,040	(698,892)	(569,159)
Information Technology	6,647,867	5,128,840	5,998,255	(1,519,027)	(869,415)
Legal Services	2,947,814	1,163,575	984,806	(1,784,239)	178,769
OPERATIONS GROUP	50,971,000	48,878,825	52,821,936	(2,092,175)	(3,943,111)
System Roll-up Variance	0	186,907	(887,261)	186,907	1,074,168
TOTAL	77,832,461	76,178,939	75,313,843	(1,653,522)	865,098

<u>OPERATIONS GROUP</u>	<u>FY17 Budget</u>	<u>FY17 YTD Actual</u>	<u>FY16 YTD Actual</u>	<u>Variance Actual to Budget</u>	<u>Variance Actual to Prior Year</u>
COLLECTIONS - (Metro)	15,436,253	11,864,798	11,013,324	(3,571,455)	851,474
DRAINAGE & FP - (I&FP)	9,762,000	9,422,713	12,403,884	(339,287)	(2,981,171)
PERFORMANCE	(3,292,862)	622,872	654,320	3,915,734	(31,448)
SUPPORT - (Phy Assets)	6,208,834	5,084,223	4,750,015	(1,124,611)	334,208
TREATMENT - (MFWTP)	22,856,775	21,884,218	24,000,393	(972,557)	(2,116,175)
Operations Group Total	50,971,000	48,878,825	52,821,936	(2,092,175)	(3,943,112)

Prepared by: Patrick Meador

Detail of MSD Operating Expense
as of 2/28/17

	<u>ENGINEERING</u>		<u>EXECUTIVE</u>		<u>FINANCE</u>		<u>HUMAN RESOURCES</u>	
<u>Operating Expenses</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>	<u>FY15 Budget</u>	<u>FY17 YTD Act</u>
Salaries & Wages	4,493,371	3,968,114	(2,406,478)	825,851	1,329,971	1,226,318	1,211,190	1,160,908
Labor Related Overhead	1,713,355	1,363,757	395,783	432,238	502,561	377,753	1,582,424	1,067,955
Utilities	0	840	1,200	0	0	146	269,125	240,825
Materials & Supplies	113,828	150,747	71,078	(461,220)	56,015	58,238	158,675	150,984
Contractual Services	239,164	316,734	(192,926)	1,251,883	3,683,252	3,829,437	1,255,854	1,194,982
Chemicals	0	0	0	0	0	0	0	0
Fuel	0	0	0	0	0	0	0	0
Insurance Premiums & Claims	0	0	0	0	746,361	746,515	0	0
Bad Debt	0	0	0	0	1,333,328	2,399,301	0	0
Other Operating Expense	83,658	61,303	434,153	360,445	86,333	29,509	104,505	67,227
Settlement Accounts	0	0	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0	0	0
Total	6,643,376	5,861,496	(1,697,190)	2,409,197	7,737,821	8,667,219	4,581,773	3,882,881

	<u>INFORMATION TECHNOLOGY</u>		<u>LEGAL</u>		<u>OPERATIONS GROUP</u>		<u>TOTAL</u>	
<u>Operating Expenses</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>
Salaries & Wages	1,752,122	1,665,986	638,428	532,033	18,887,001	17,766,457	25,905,605	27,145,668
Labor Related Overhead	648,585	558,233	211,490	155,144	7,093,652	6,723,709	12,147,850	10,678,789
Utilities	826,928	482,291	0	0	8,851,239	8,421,252	9,948,492	9,145,354
Materials & Supplies	702,334	514,093	20,684	3,650	4,496,903	4,281,222	5,619,517	4,697,714
Contractual Services	2,560,500	1,874,231	1,777,812	313,727	7,183,961	6,839,403	16,507,617	15,620,397
Chemicals	0	0	0	0	2,651,351	3,589,194	2,651,351	3,589,194
Fuel	0	0	0	0	903,482	701,831	903,482	701,831
Insurance Premiums & Claims	0	0	224,004	108,350	320,000	259,903	1,290,365	1,114,769
Bad Debt	0	0	0	0	0	0	1,333,328	2,399,301
Other Operating Expense	157,398	34,005	75,396	50,670	583,411	295,855	1,524,854	899,015
Settlement Accounts	0	0	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0	0	186,907
Total	6,647,867	5,128,840	2,947,814	1,163,575	50,971,000	48,878,825	77,832,461	76,178,939

Prepared by: Patrick Meador

Detail of MSD Operating Expense
as of 2/28/17

	<u>COLLECTIONS</u>		<u>DRAINAGE & FP</u>		<u>PERFORMANCE MATRIX</u>	
<u>Operating Expenses</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>
Salaries & Wages	6,409,759	6,245,842	3,677,538	2,828,417	644,564	445,737
Labor Related Overhead	2,409,815	2,261,440	1,484,191	1,363,100	247,488	169,971
Utilities	1,703,672	7,032	1,578,600	2,333,317	(110,668)	0
Materials & Supplies	1,139,351	975,271	722,091	1,102,724	(498,400)	2,366
Contractual Services	2,774,560	1,558,031	2,251,535	1,761,641	(3,301,880)	3,780
Chemicals	516,470	536,349	0	272	(186,668)	0
Fuel	16,000	5,345	3,000	0	0	0
Insurance Premiums & Claims	320,000	254,254	0	5,649	0	0
Bad Debt	0	0	0	0	0	0
Other Operating Expense	146,626	21,233	45,045	27,593	(87,298)	1,018
Settlement Accounts	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0
Total	15,436,253	11,864,798	9,762,000	9,422,713	(3,292,862)	622,872

	<u>SUPPORT</u>		<u>TREATMENT</u>		<u>OPERATIONS GROUP</u>	
<u>Operating Expenses</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>	<u>FY17 Budget</u>	<u>FY17 YTD Act</u>
Salaries & Wages	2,212,342	2,188,645	5,942,798	6,057,816	18,887,001	17,766,457
Labor Related Overhead	842,708	794,888	2,109,450	2,134,310	7,093,652	6,723,709
Utilities	0	8,045	5,679,635	6,072,858	8,851,239	8,421,252
Materials & Supplies	912,117	485,425	2,221,744	1,715,435	4,496,903	4,281,222
Contractual Services	1,092,474	775,483	4,367,272	2,740,466	7,183,961	6,839,402
Chemicals	0	0	2,321,549	3,052,573	2,651,351	3,589,194
Fuel	868,573	688,335	15,909	8,151	903,482	701,831
Insurance Premiums & Claims	0	0	41,770	0	361,770	259,903
Bad Debt	0	0	0	0	0	0
Other Operating Expense	280,620	143,402	156,648	102,609	541,641	295,855
Settlement Accounts	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0
Total	6,208,834	5,084,223	22,856,775	21,884,218	50,971,000	48,878,825

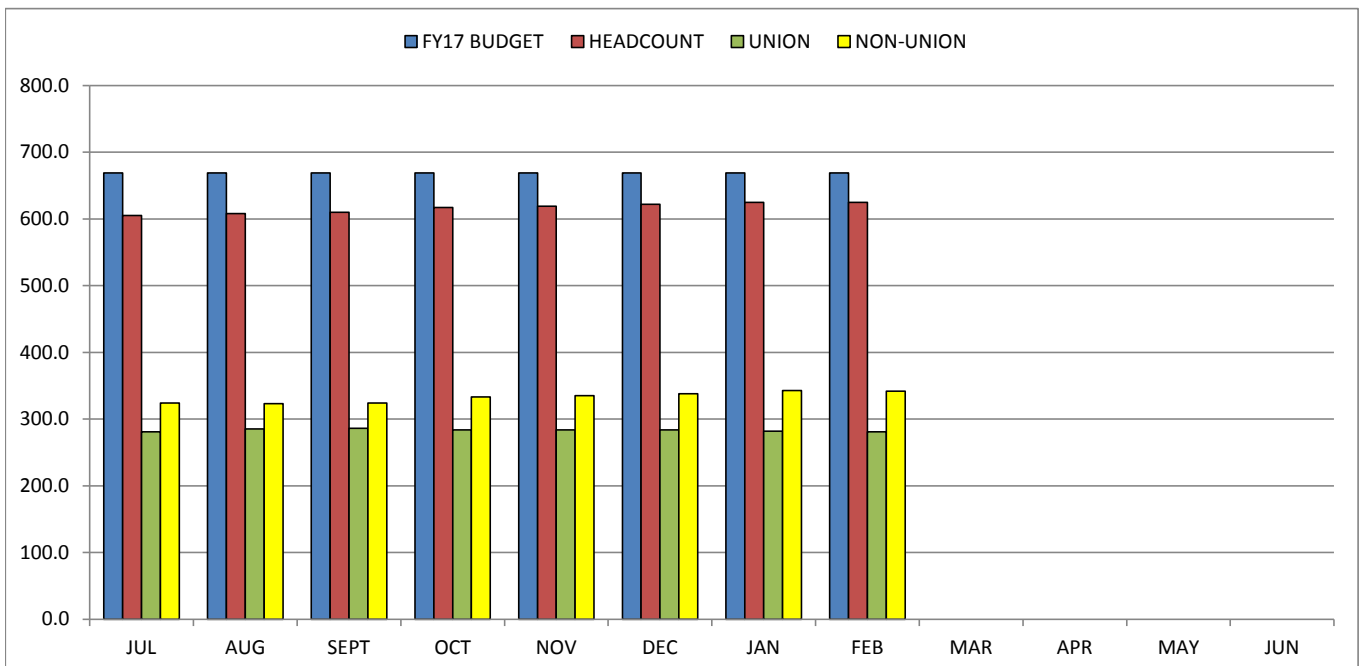
Prepared by: Patrick Meador

**FY 2017
MSD STAFFING
February**

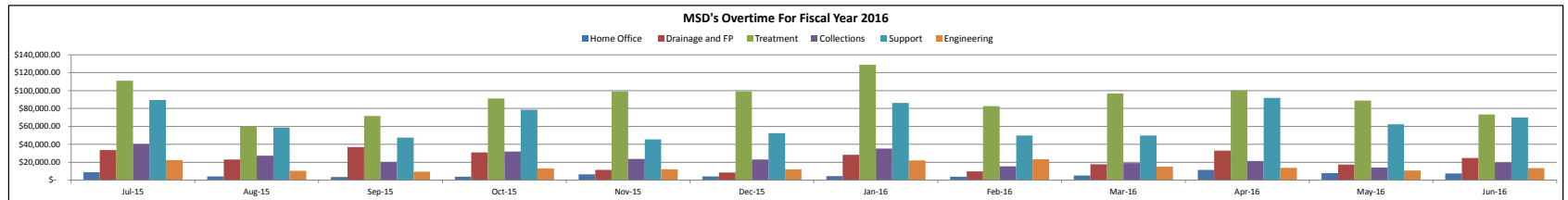
	<u>UNION</u>	<u>NON-UNION</u>	<u>HEADCOUNT</u>	<u>FY17 BUDGET</u>
ENGINEERING	0.0	83.0	83.0	97.0
EXECUTIVE	0.0	34.0	34.0	36.0
FINANCE	0.0	32.0	32.0	33.0
HUMAN RESOURCES	0.0	15.0	15.0	16.0
INFORMATION TECH	0.0	30.0	30.0	33.0
LEGAL	0.0	7.0	7.0	7.0
OPERATIONS	281.0	141.0	422.0	447.0
ALL DIVISIONS	281.0	342.0	623.0	669.0

(Non-Union and Headcount Totals include One Water Employees)

Prior Month - July	281.0	324.0	605.0	669.0
Prior Month - August	285.0	323.0	608.0	669.0
Prior Month - September	286.0	324.0	610.0	669.0
Prior Month - October	284.0	333.0	617.0	669.0
Prior Month - November	284.0	335.0	619.0	669.0
Prior Month - December	284.0	338.0	622.0	669.0
Prior Month - January	282.0	343.0	625.0	669.0



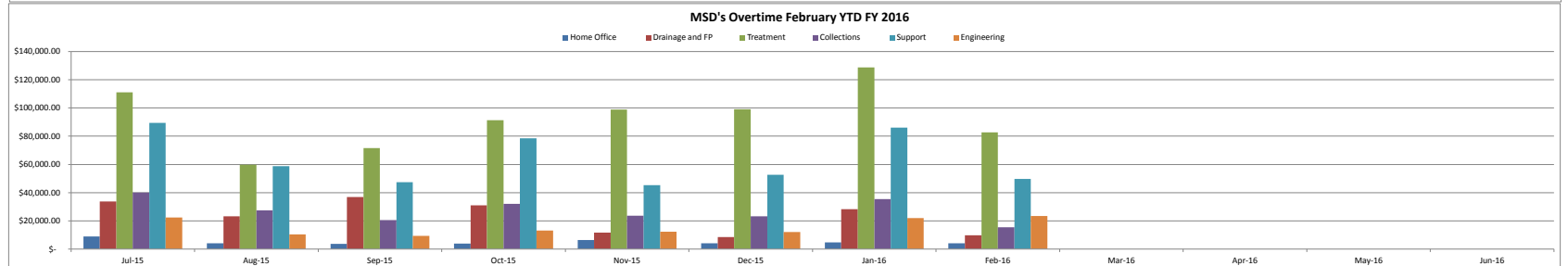
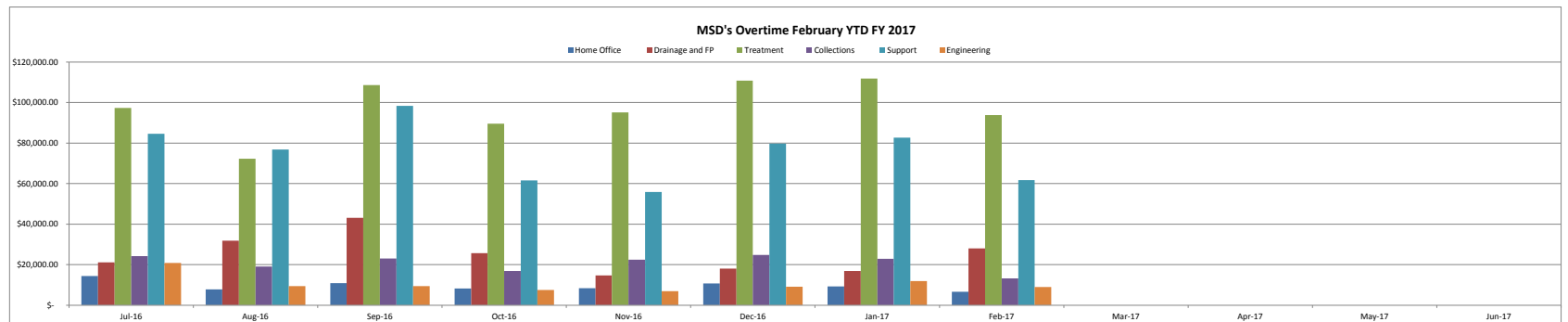
Prepared by: Patrick Meador



MSD's Total Overtime for Fiscal Year 2016		
	Total Overtime	% of Total Overtime
Home Office	\$ 71,625.82	2.65%
Treatment	\$ 275,799.00	10.21%
Drainage and Flood Protection	\$ 1,102,370.63	40.80%
Collections	\$ 291,623.84	10.79%
Support	\$ 782,131.66	28.95%
Engineering	\$ 178,100.80	6.59%

Total OT/ Total Salary	
	Fiscal Year 2017
Total Overtime	\$ 1,906,569.32
Total Salary	\$ 26,419,358.45
Overtime Percentage of Total Salary	7.22%

MSD's Overtime Comparison YTD				
	February YTD FY'17		February YTD FY'16	Variance
Home Office	\$ 76,391.57	Home Office	\$ 39,561.45	\$36,830.12
Treatment	\$ 199,243.02	Treatment	\$ 183,011.50	\$16,231.52
Drainage and Flood Protection	\$ 779,337.41	Drainage and Flood Protection	\$ 743,416.35	\$35,921.06
Collections	\$ 166,412.23	Collections	\$ 217,596.43	-\$51,184.20
Support	\$ 601,180.03	Support	\$ 507,819.26	\$93,360.77
Engineering	\$ 84,005.06	Engineering	\$ 124,703.88	-\$40,698.82



Total Overtime vs. Total Salary for Fiscal Year 2017													
	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	YTD 2017
Total Overtime	\$ 262,436.12	\$ 217,135.00	\$ 293,218.85	\$ 209,427.22	\$ 203,362.38	\$ 253,250.07	\$ 255,543.52	\$ 212,196.16	\$ -	\$ -	\$ -	\$ -	\$ 1,906,569.32
Total Salary	\$ 2,609,846.09	\$ 3,323,208.47	\$ 3,441,118.42	\$ 3,194,320.60	\$ 3,192,055.34	\$ 4,176,222.07	\$ 3,269,177.07	\$ 3,213,410.39	\$ -	\$ -	\$ -	\$ -	\$ 26,419,358.45
Overtime % of Total Salary	10.06%	6.53%	8.52%	6.56%	6.37%	6.06%	7.82%	6.60%					7.22%

*August and September Adjusted for Vacation Accrual

Prepared by Samuel Miller

3/26/2017

FY 15 Variance by Month	
Mth	FY15
Jul-13	\$ 11,678,564.78
Aug-13	\$ 2,863,671.85
Sep-13	\$ 508,085.84
Oct-13	\$ (161,671.54)
Nov-13	\$ 263,670.50
Dec-13	\$ 4,012,318.78
Jan-14	\$ (1,181,411.75)
Feb-14	\$ (5,202,495.47)
Mar-14	\$ (14,159.87)
Apr-14	\$ (614,236.42)
May-14	\$ (40,350.02)
Jun-14	\$ 851,958.29
TOTAL FY14	\$ 12,963,944.97

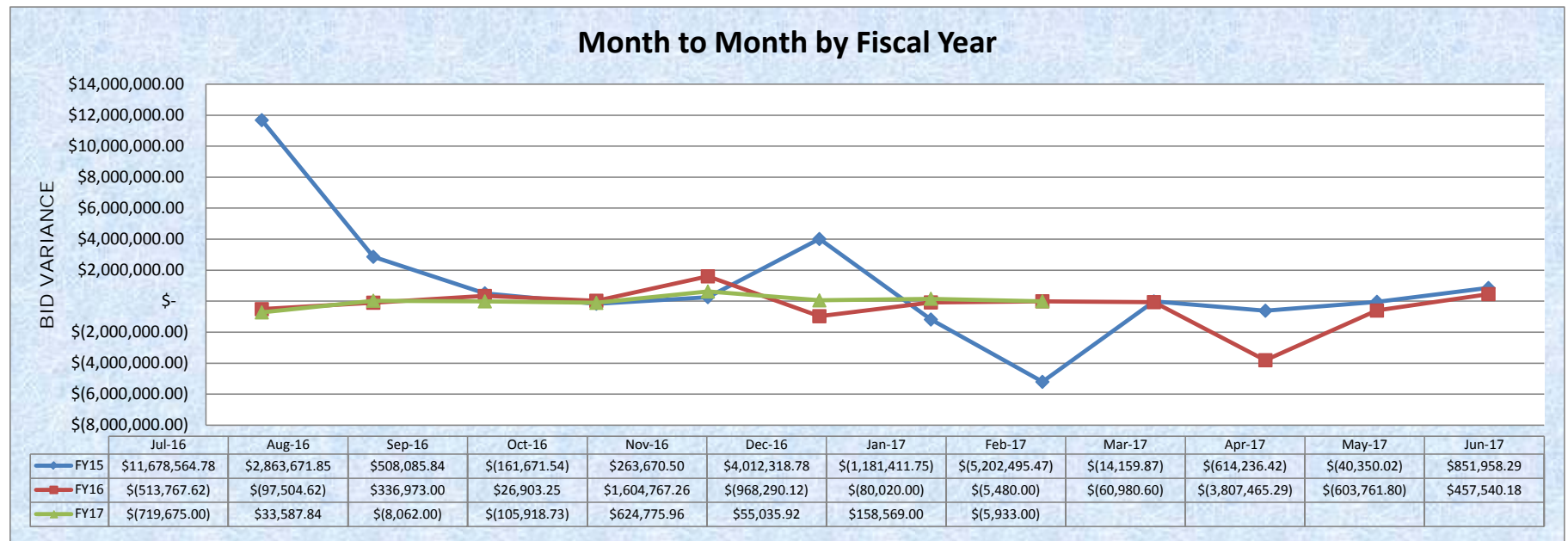
FY 16 Variance by Month	
Mth	FY16
Jul-14	\$ (513,767.62)
Aug-14	\$ (97,504.62)
Sep-14	\$ 336,973.00
Oct-14	\$ 26,903.25
Nov-14	\$ 1,604,767.26
Dec-14	\$ (968,290.12)
Jan-15	\$ (80,020.00)
Feb-15	\$ (5,480.00)
Mar-15	\$ (60,980.60)
Apr-15	\$ (3,807,465.29)
May-15	\$ (603,761.80)
Jun-15	\$ 457,540.18
TOTAL FY15	\$ (3,711,086.36)

FY 17 Variance by Month	
Mth	FY17
Jul-16	\$ (719,675.00)
Aug-16	\$ 33,587.84
Sep-16	\$ (8,062.00)
Oct-16	\$ (105,918.73)
Nov-16	\$ 624,775.96
Dec-16	\$ 55,035.92
Jan-17	\$ 158,569.00
Feb-17	\$ (5,933.00)
Mar-17	
Apr-17	
May-17	
Jun-17	
TOTAL FY16	\$ 32,379.99

	FY 15 Over/Under Total Variance	FY 16 Over/Under Total Variance	FY 17 Over/Under Total Variance
# OVER	29	31	19
\$ OVER	\$ 22,692,303.47	\$ 5,938,849.72	\$ 1,135,694.49
%	25.09%	16.49%	21.45%

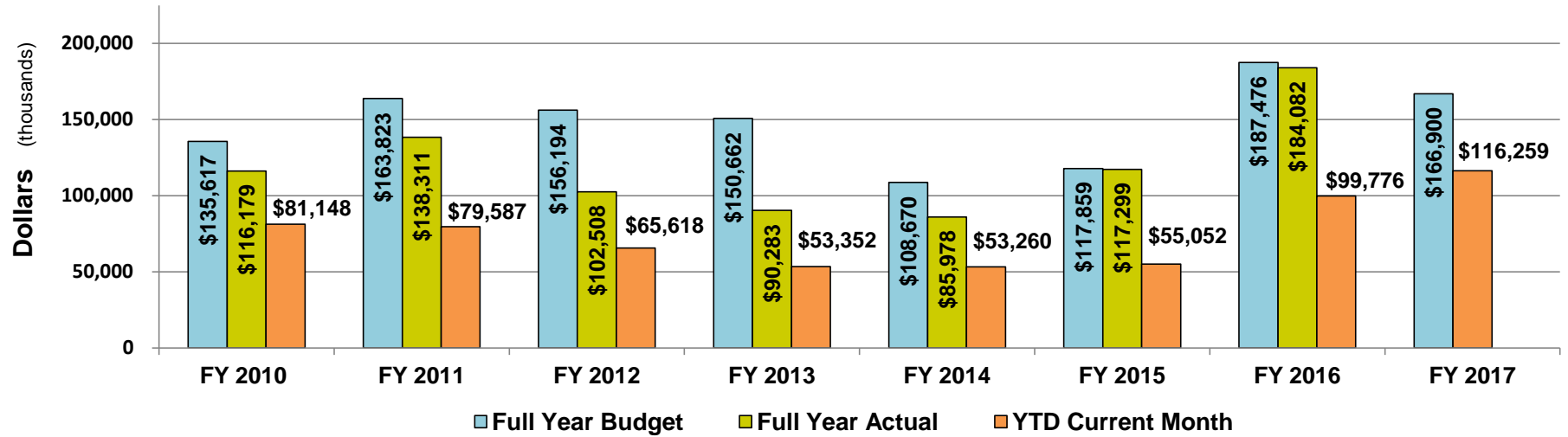
# UNDER	25	45	27
\$ UNDER	\$ (9,728,358.50)	\$ (9,649,936.08)	\$ (1,103,314.50)
%	-11.05%	-19.25%	-25.22%

Total YTD	\$ 12,963,944.97	\$ (3,711,086.36)	\$ 32,379.99
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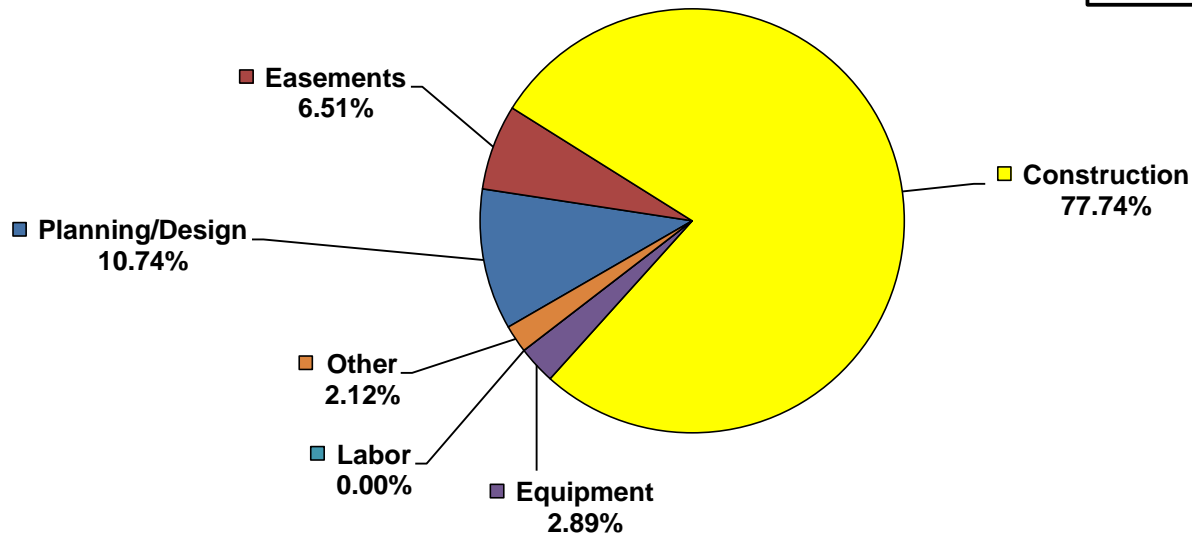
Total variance reflects the difference of Estimate Cost vs. Board Approval by month for Construction services.

**FY 2017
MSD Capital Budget Performance
YTD as of 2/28/17**



Prepared by: Patrick Meador

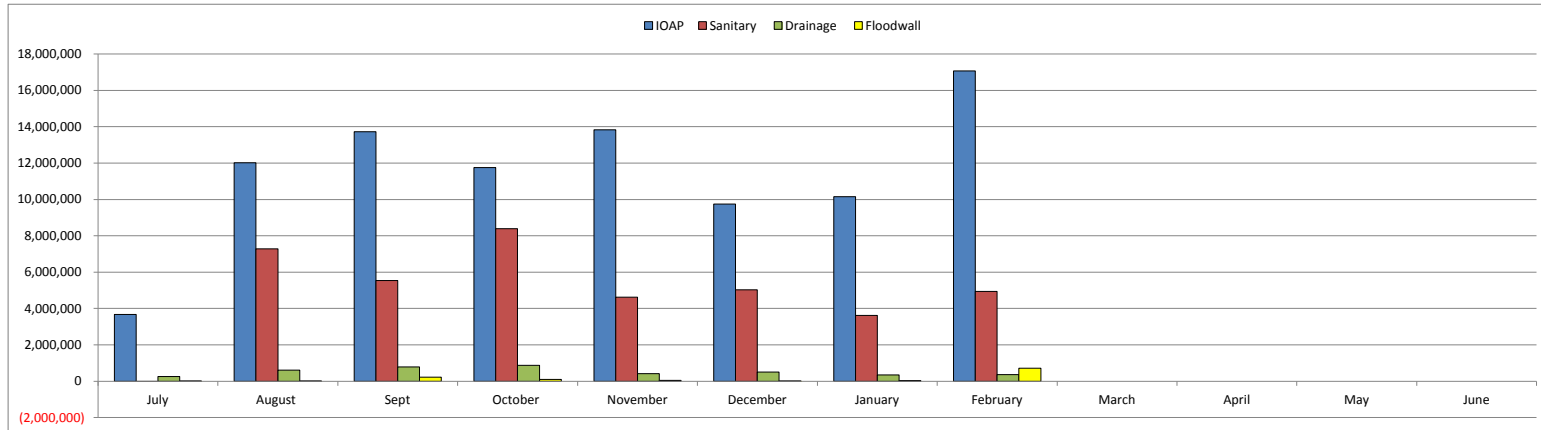
MSD Capital Expenditures by Category



**Total Expenditures to Date:
\$116,258,566**

Prepared by: Patrick Meador

MSD MONTHLY CAPITAL SPENDING BY TYPE
(Includes Capitalized Overhead)
As of 2/28/17



2017	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	3,667,712	12,017,913	13,728,353	11,757,608	13,831,683	9,755,033	10,149,678	17,072,546	0	0	0	0	91,980,527	67%
Sanitary	(10,704)	7,275,603	5,542,202	8,389,495	4,630,529	5,026,664	3,629,336	4,936,304	0	0	0	0	39,419,429	29%
Drainage	259,461	617,136	787,398	877,100	418,046	499,187	351,909	372,729	0	0	0	0	4,182,966	3%
Floodwall	13,536	9,000	220,333	108,090	47,253	13,066	28,688	716,207	0	0	0	0	1,156,173	1%
Total	3,930,005	19,919,652	20,278,286	21,132,293	18,927,512	15,293,950	14,159,611	23,097,787	0	0	0	0	136,739,095	100%

2016	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	2,920,591	9,097,780	10,542,172	14,707,509	8,883,555	11,573,056	11,109,444	16,254,456	5,606,576	16,050,916	10,349,983	25,403,000	142,499,038	66%
Sanitary	3,144,341	1,453,932	2,734,335	6,039,947	4,413,240	5,137,157	4,928,331	3,960,709	6,923,941	5,712,091	8,976,438	13,880,146	67,304,607	31%
Drainage	76,939	381,782	244,304	514,394	303,461	329,701	389,911	462,489	334,401	280,446	819,545	408,870	4,546,243	2%
Floodwall	79,886	154,785	2,026	219	223,877	114,519	97,463	35,573	53,119	96,763	111,590	592,020	1,561,839	1%
Total	6,221,756	11,088,279	13,522,838	21,262,069	13,824,133	17,154,433	16,525,148	20,713,227	12,918,037	22,140,216	20,257,556	40,284,036	215,911,728	100%

2015	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	6,096,532	6,975,721	1,186,858	11,130,272	6,371,146	9,918,927	4,608,741	7,536,045	6,076,334	9,090,729	9,164,068	8,673,769	86,829,140	72%
Sanitary	529,795	2,475,179	617,925	2,987,929	1,891,324	2,054,147	5,084,817	3,523,559	2,722,138	1,872,921	3,506,151	2,478,717	29,744,603	25%
Drainage	960,363	725,992	43,287	45,925	45,394	183,790	216,972	132,206	86,426	166,493	387,117	467,906	3,461,871	3%
Floodwall	38,722	4,937	(7,193)	(4,308)	(1,345)	19,536	2,545	(248)	(12)	35,001	88,640	86,814	263,089	0%
Total	7,625,412	10,181,829	1,840,877	14,159,818	8,306,519	12,176,400	9,913,075	11,191,562	8,884,886	11,165,144	13,145,976	11,707,206	120,298,703	100%

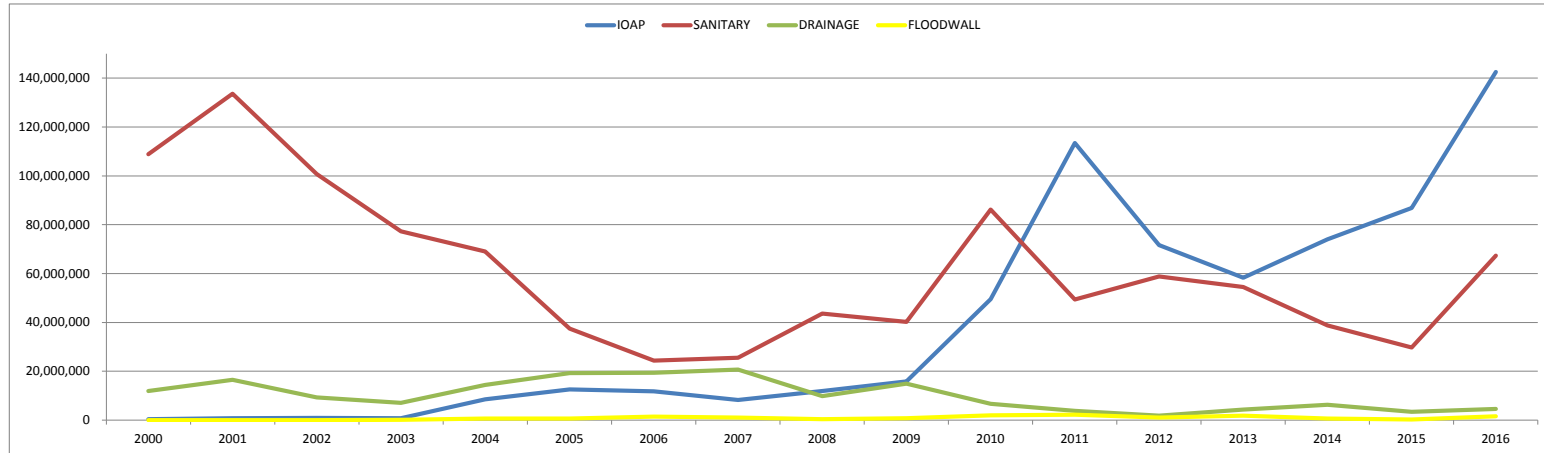
(Negative September / October spending caused by reversal of FY14 Capital accruals.)

2014	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	9,806,841	(90,026)	4,852,546	7,439,649	3,927,151	6,267,677	8,255,257	5,075,129	5,238,275	4,214,331	7,915,747	11,070,744	73,973,321	62%
Sanitary	2,136,563	1,286,277	1,872,499	5,342,248	3,952,920	2,946,309	3,544,634	3,939,437	2,770,161	2,924,565	3,316,175	4,733,260	38,765,047	32%
Drainage	194,007	(237,925)	2,153,213	807,252	506,540	194,867	58,480	175,636	249,928	461,670	209,747	1,455,555	6,228,970	5%
Floodwall	55,682	27,550	43,579	71,149	13,126	158,398	33,108	(403)	82,838	100,153	8,834	80,523	674,536	1%
Total	12,193,092	985,876	8,921,837	13,660,298	8,399,737	9,567,252	11,891,478	9,189,799	8,341,201	7,700,719	11,450,503	17,340,083	119,641,875	100%

IOAP: Integrated Overflow Abatement Plan

Prepared by: Patrick Meador

MSD ANNUAL CAPITAL SPENDING BY TYPE
(Includes Capitalized Overhead)
Years 2000 through 2016



2017	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	3,667,712	15,685,625	29,413,979	41,171,587	55,003,270	64,758,302	74,907,980	91,980,527	0	0	0	0	91,980,527	67%
Sanitary	(10,704)	7,264,899	12,807,101	21,196,596	25,827,125	30,853,789	34,483,125	39,419,429	0	0	0	0	39,419,429	29%
Drainage	259,461	876,597	1,663,995	2,541,095	2,959,141	3,458,328	3,810,237	4,182,966	0	0	0	0	4,182,966	3%
Floodwall	13,536	22,536	242,869	350,959	398,212	411,278	439,966	1,156,173	0	0	0	0	1,156,173	1%
Total	3,930,005	23,849,657	44,127,943	65,260,236	84,187,748	99,481,698	113,641,309	136,739,095	0	0	0	0	136,739,095	100%

2016	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	2,920,591	12,018,371	22,560,543	37,268,053	46,151,607	57,724,663	68,834,107	85,088,564	90,695,139	106,746,055	117,096,038	142,499,038	142,499,038	66%
Sanitary	3,144,341	4,598,273	7,332,608	13,372,555	17,785,795	22,922,952	27,851,283	31,811,992	38,735,933	44,448,024	53,424,461	67,304,607	67,304,607	31%
Drainage	76,939	458,721	703,025	1,217,419	1,520,880	1,850,581	2,240,492	2,702,981	3,037,382	3,317,828	4,137,373	4,546,243	4,546,243	2%
Floodwall	79,886	234,671	236,697	236,916	460,793	575,311	672,774	708,347	761,466	858,229	969,819	1,561,839	1,561,839	1%
Total	6,221,756	17,310,035	30,832,873	52,094,942	65,919,075	83,073,508	99,598,656	120,311,883	133,229,920	155,370,136	175,627,691	215,911,728	215,911,728	100%

2015	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	6,096,532	13,072,253	14,259,111	25,389,383	31,760,529	41,679,456	46,288,197	53,824,241	59,900,575	68,991,304	78,155,371	86,829,140	86,829,140	72%
Sanitary	529,795	3,004,974	3,622,899	6,610,828	8,502,152	10,556,298	15,641,116	19,164,675	21,886,813	23,759,734	27,265,886	29,744,603	29,744,603	25%
Drainage	960,363	1,686,355	1,729,642	1,775,567	1,820,961	2,004,751	2,221,723	2,353,929	2,440,355	2,606,848	2,993,965	3,461,871	3,461,871	3%
Floodwall	38,722	43,659	36,466	32,158	30,813	50,349	52,894	52,646	52,635	87,636	176,275	263,089	263,089	0%
Total	7,625,412	17,807,241	19,648,118	33,807,936	42,114,455	54,290,855	64,203,930	75,395,492	84,280,378	95,445,522	108,591,498	120,298,703	120,298,703	100%

2014	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	9,806,841	9,716,815	14,569,361	22,009,010	25,936,161	32,203,838	40,459,095	45,534,224	50,772,499	54,986,830	62,902,577	73,973,321	73,973,321	62%
Sanitary	2,136,563	3,422,840	5,295,339	10,637,587	14,590,507	17,536,817	21,081,450	25,020,887	27,791,048	30,715,612	34,031,787	38,765,047	38,765,047	32%
Drainage	194,007	(43,918)	2,109,295	2,916,546	3,423,086	3,617,954	3,676,434	3,852,070	4,101,998	4,563,667	4,773,414	6,228,970	6,228,970	5%
Floodwall	55,682	83,232	126,811	197,960	211,086	369,484	402,592	402,189	485,026	585,180	594,014	674,536	674,536	1%
Total	12,193,092	13,178,969	22,100,806	35,761,104	44,160,841	53,728,093	65,619,571	74,809,369	83,150,570	90,851,289	102,301,792	119,641,875	119,641,875	100%

IOAP: Integrated Overflow Abatement Plan

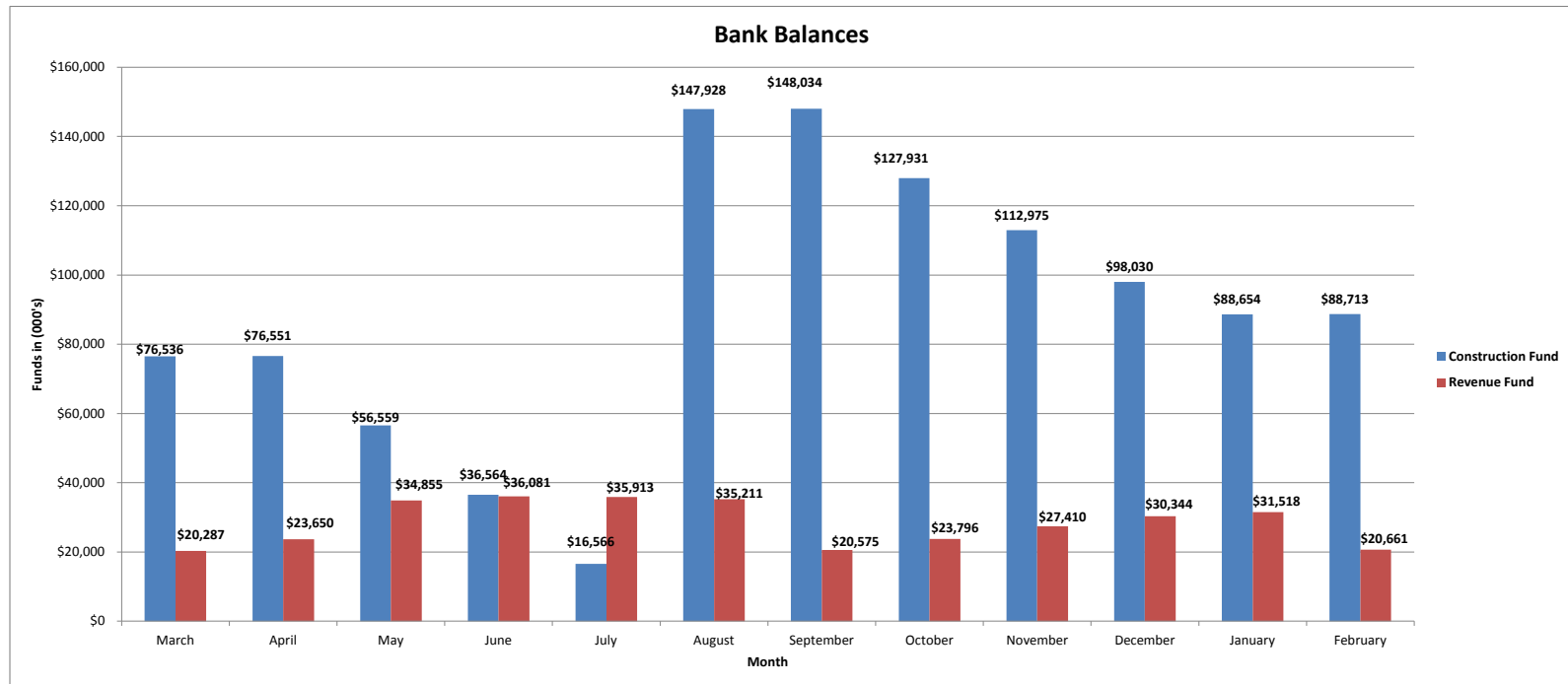
Prepared by: Patrick Meador

MSD CASH FLOW SUMMARY (000's)

SAP CASH ACTIVITY

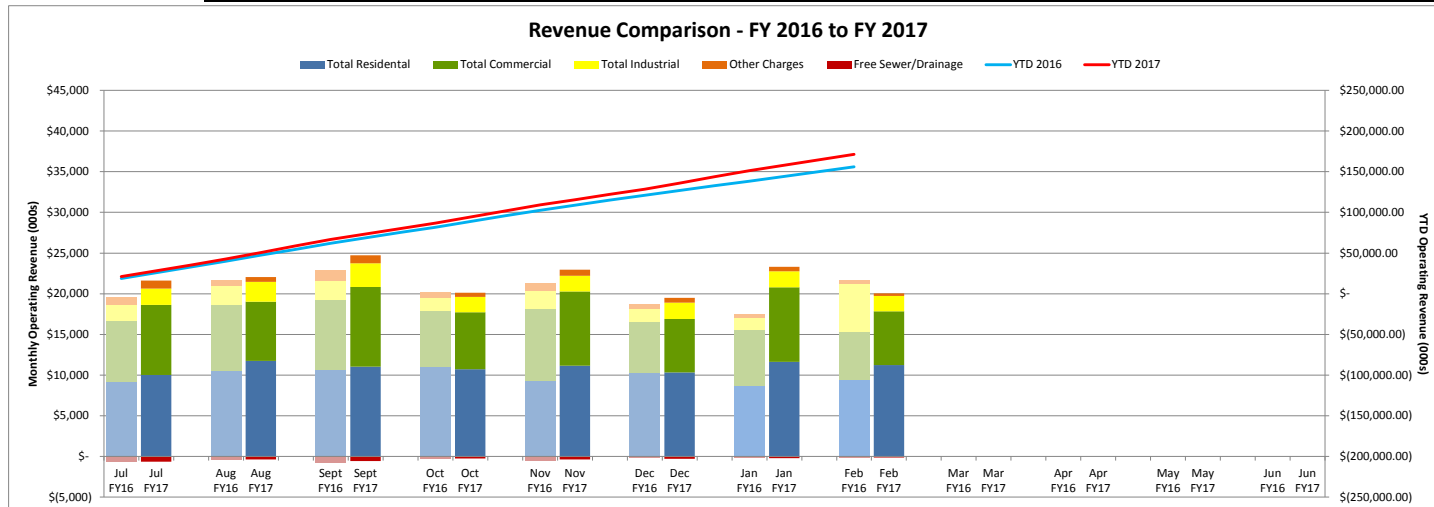
12 Month Rolling Average March 2016-February 2017

	March	April	May	June	July	August	September	October	November	December	January	February
Revenue Total	\$ 24,090	\$ 19,195	\$ 25,625	\$ 21,791	\$ 19,908	\$ 25,268	\$ 21,443	\$ 24,719	\$ 26,822	\$ 26,731	\$ 21,130	\$ 24,716
Operating Expense	(10,593)	(11,018)	(12,483)	(12,483)	(11,165)	(10,723)	(11,034)	(12,067)	(9,717)	(12,453)	(10,682)	(11,322)
Debt Service	(10,761)	(10,762)	(10,811)	(10,811)	(10,817)	(10,811)	(11,900)	(11,910)	(11,887)	(11,600)	(11,847)	(11,695)
Funds Available	\$ 2,736	\$ (2,585)	\$ 2,330	\$ (1,504)	\$ (2,074)	\$ 3,733	\$ (1,491)	\$ 742	\$ 5,219	\$ 2,678	\$ (1,399)	\$ 1,700
Transfers In	20,000	0	20,000	20,000	20,000	18,935	33	20,184	15,000	15,000	15,000	0
Capital Payments	(11,400)	(15,554)	(14,151)	(23,965)	(12,013)	(22,350)	(17,054)	(17,019)	(12,720)	(18,058)	(9,696)	(17,413)
Net Change	\$ 11,336	\$ (18,139)	\$ 8,179	\$ (5,469)	\$ 5,913	\$ 319	\$ (18,512)	\$ 3,907	\$ 7,498	\$ (380)	\$ 3,905	\$ (15,713)



Prepared By Sam Miller

Residential		Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	YTD Totals	%
Sewer															
	Service Charge	\$ 2,758	\$ 3,184	\$ 3,025	\$ 2,912	\$ 3,091	\$ 2,837	\$ 3,293	\$ 3,170	\$ -	\$ -	\$ -	\$ -	\$ 24,268	27.61%
	Volume Charges	3,420	3,961	3,824	3,539	3,795	3,304	3,739	3,491	-	-	-	-	29,074	33.08%
	Quality Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00%
	Meter Reading Charge	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00%
	Consent Decree Charge	2,311	2,662	2,541	2,440	2,586	2,378	2,803	2,647	-	-	-	-	20,368	23.17%
	Senior Citizen Discount	(58)	(80)	(61)	(74)	(67)	(70)	(72)	(76)	-	-	-	-	(559)	-0.64%
Drainage															
	Drainage Fees	1,586	2,032	1,725	1,908	1,745	1,872	1,870	2,006	-	-	-	-	14,744	16.77%
Total Residential		\$ 10,017	\$ 11,759	\$ 11,053	\$ 10,725	\$ 11,151	\$ 10,320	\$ 11,633	\$ 11,238	\$ -	\$ -	\$ -	\$ -	\$ 87,895	100.00%
Commercial															
Sewer															
	Service Charge	\$ 734	\$ 529	\$ 788	\$ 506	\$ 788	\$ 514	\$ 836	\$ 529	\$ -	\$ -	\$ -	\$ -	\$ 5,223	8.14%
	Volume Charges	3,794	2,963	4,413	2,961	3,920	2,595	3,826	2,476	-	-	-	-	26,948	41.98%
	Quality Charges	81	84	77	72	86	61	81	62	-	-	-	-	605	0.94%
	Meter Reading Charge	16	13	16	15	11	6	6	5	-	-	-	-	88	0.14%
	Consent Decree Charge	1,253	985	1,462	983	1,360	860	1,331	838	-	-	-	-	9,073	14.13%
Drainage															
	Drainage Fees	2,740	2,683	3,037	2,481	2,948	2,561	3,094	2,711	-	-	-	-	22,256	34.67%
Total Commercial		\$ 8,619	\$ 7,258	\$ 9,794	\$ 7,018	\$ 9,113	\$ 6,596	\$ 9,174	\$ 6,622	\$ -	\$ -	\$ -	\$ -	\$ 64,193	100.00%
Industrial															
Sewer															
	Service Charge	\$ 52	\$ 45	\$ 64	\$ 51	\$ 55	\$ 55	\$ 61	\$ 52	\$ -	\$ -	\$ -	\$ -	\$ 435	2.56%
	Volume Charges	802	819	905	664	774	752	827	700	-	-	-	-	6,243	36.74%
	Quality Charges	596	1,066	1,291	702	572	694	472	646	-	-	-	-	6,040	35.55%
	Meter Reading Charge	8	9	8	9	7	8	8	7	-	-	-	-	63	0.37%
	Consent Decree Charge	250	255	283	209	244	235	256	217	-	-	-	-	1,949	11.47%
Drainage															
	Drainage Fees	283	237	354	249	302	264	316	258	-	-	-	-	2,262	13.31%
Total Industrial		\$ 1,991	\$ 2,430	\$ 2,904	\$ 1,884	\$ 1,953	\$ 2,008	\$ 1,941	\$ 1,881	\$ -	\$ -	\$ -	\$ -	\$ 16,992	100.00%
Other Charges															
		\$ 979	\$ 616	\$ 991	\$ 493	\$ 732	\$ 556	\$ 567	\$ 323	\$ -	\$ -	\$ -	\$ -	\$ 5,258	
Free Charges															
	Free Sewer	\$ (629)	\$ (390)	\$ (562)	\$ (264)	\$ (373)	\$ (303)	\$ (230)	\$ (126)	\$ -	\$ -	\$ -	\$ -	\$ (2,877)	
	Free Drainage													\$ -	
Total Sewer		\$ 16,368	\$ 16,720	\$ 19,065	\$ 15,217	\$ 17,582	\$ 14,480	\$ 17,804	\$ 14,962	\$ -	\$ -	\$ -	\$ -	\$ 132,199	77.10%
Total Drainage		4,609	4,952	5,115	4,638	4,994	4,696	5,280	4,976	-	-	-	-	39,261	22.90%
Total Service Charges		\$ 20,977	\$ 21,672	\$ 24,180	\$ 19,856	\$ 22,577	\$ 19,176	\$ 23,084	\$ 19,938	\$ -	\$ -	\$ -	\$ -	\$ 171,460	100.00%



Louisville and Jefferson County
Metropolitan Sewer District
Wastewater Customer Count

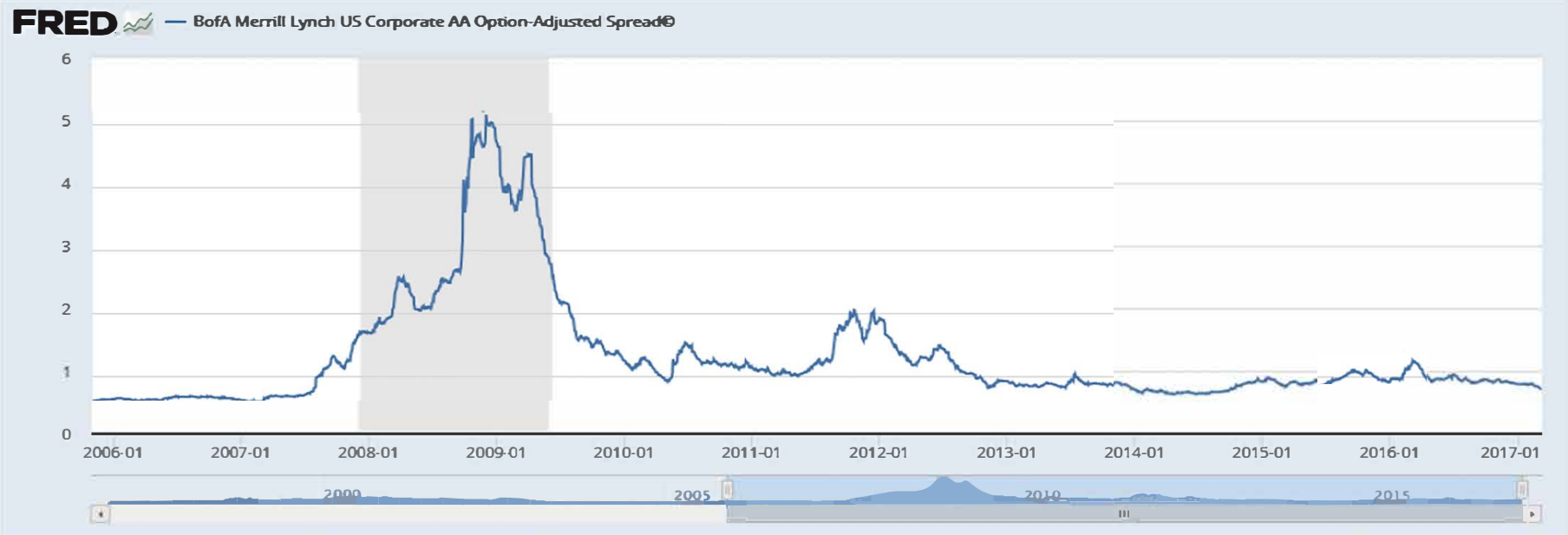
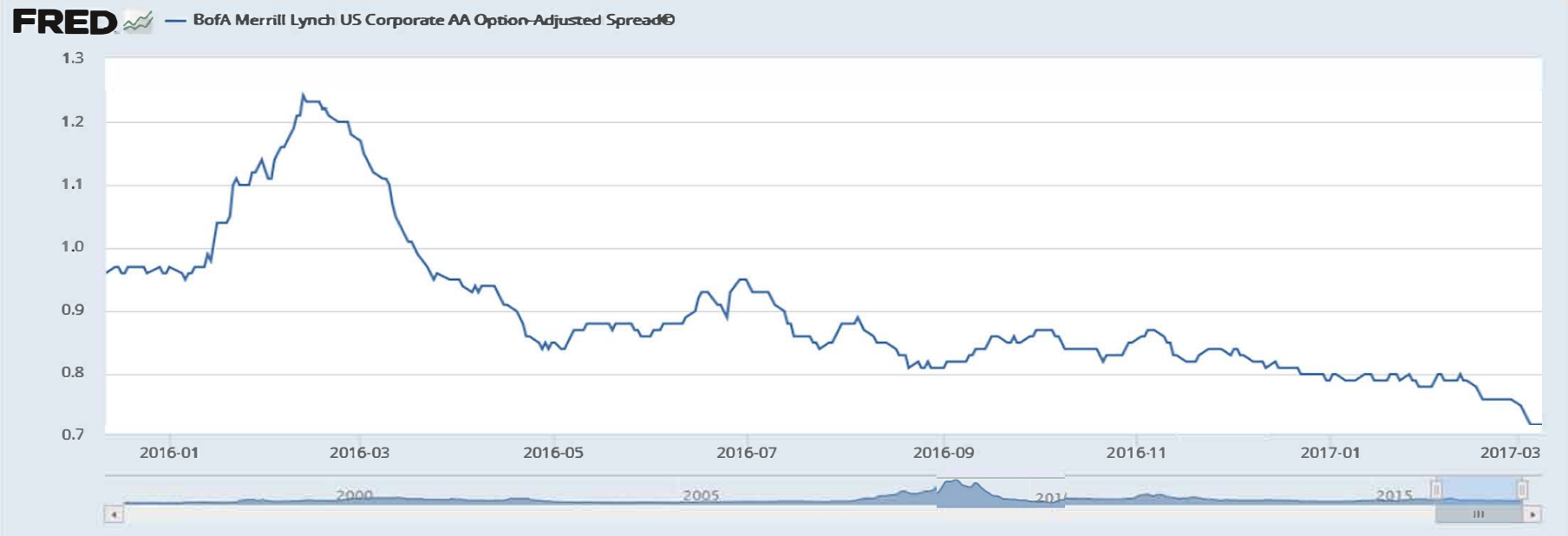
Feb-17

Plant Code	Service Area		Residential Customers		Commercial Customers		Industrial Customers		Metro Customers		Multi Customers		Total Customers	
			Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives
140	Derek Guthrie	LWC	62,683	3,039	3,651	363	24	3	25	1	2	1	66,385	3,407
151	Morris Forman - City	LWC	68,257	11,038	8,829	1,675	243	73	237	11	2	24	77,568	12,821
152	Morris Forman - County	LWC	50,601	1,239	4,642	489	53	3	32	1	1	2	55,329	1,734
153	Hite Creek	LWC	9,947	164	626	32	8	0	0	0	1	0	10,582	196
235	Glen Oaks - Sec. 5 Only (Hite Creek)	LWC	267	0	1	0	0	0	0	0	0	0	268	0
237	Cedar Creek	LWC	17,215	233	1,067	58	9	1	3	0	6	0	18,300	292
244	Moser Farm (Hite Creek)	LWC	166	0	0	0	0	0	0	0	0	0	166	0
294	Floyds Fork	LWC	8,475	106	478	14	2	0	3	0	0	0	8,958	120
<u>Sub-Total</u>			217,611	15,819	19,294	2,631	339	80	300	13	12	27	237,556	18,570
<u>Grand Total</u>			233,430		21,925		419		313		39		256,126	

Submitted by: Adonis Henderson
Date: 3/2/2017

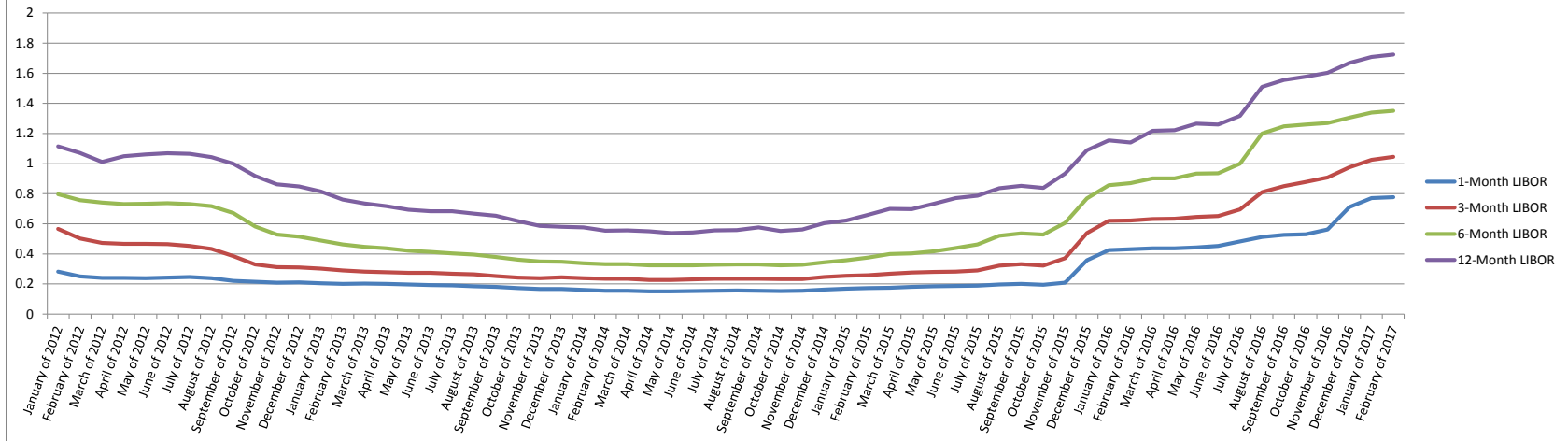
New Customer Count

June data for this chart is unavailable due to new system implementation.

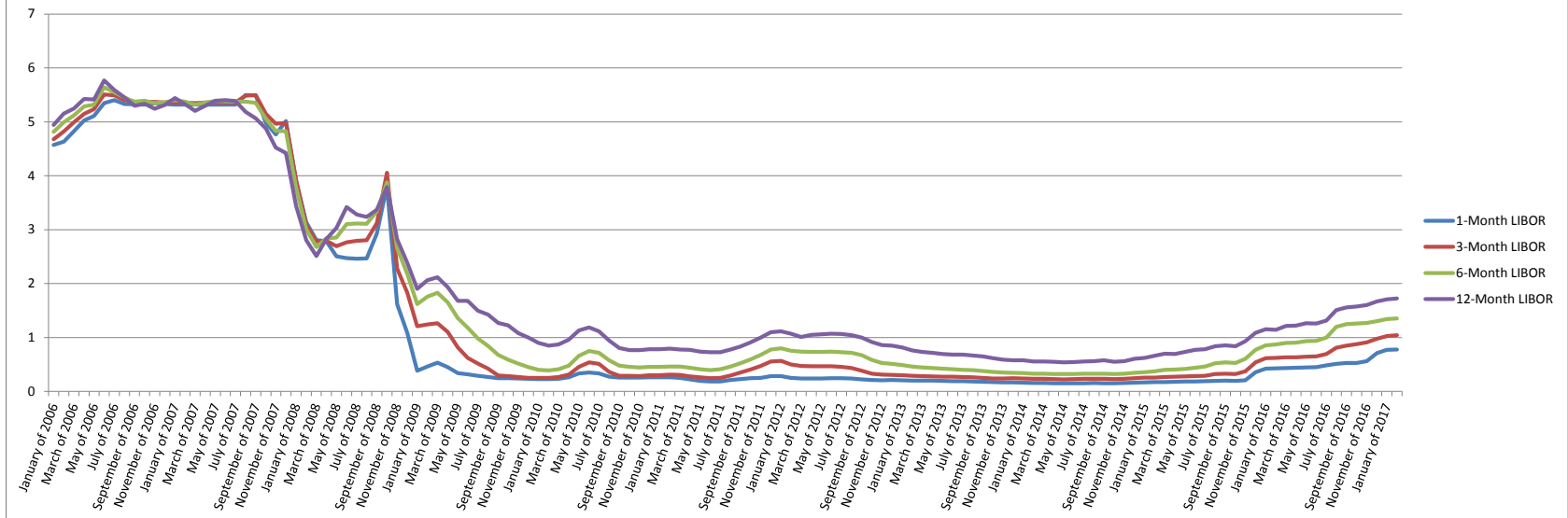


Market Rates

History of Eurodollar LIBOR Rates
January 1, 2012 - February 28, 2017



History of Eurodollar LIBOR Rates
January 1, 2006 - February 28, 2017



Kentucky Municipal Market Update

March 2017



Prepared by the Public Finance Department of Hilliard Lyons for the Louisville & Jefferson Metropolitan Sewer District.

Janet Yellen Raises the Federal Funds Rate

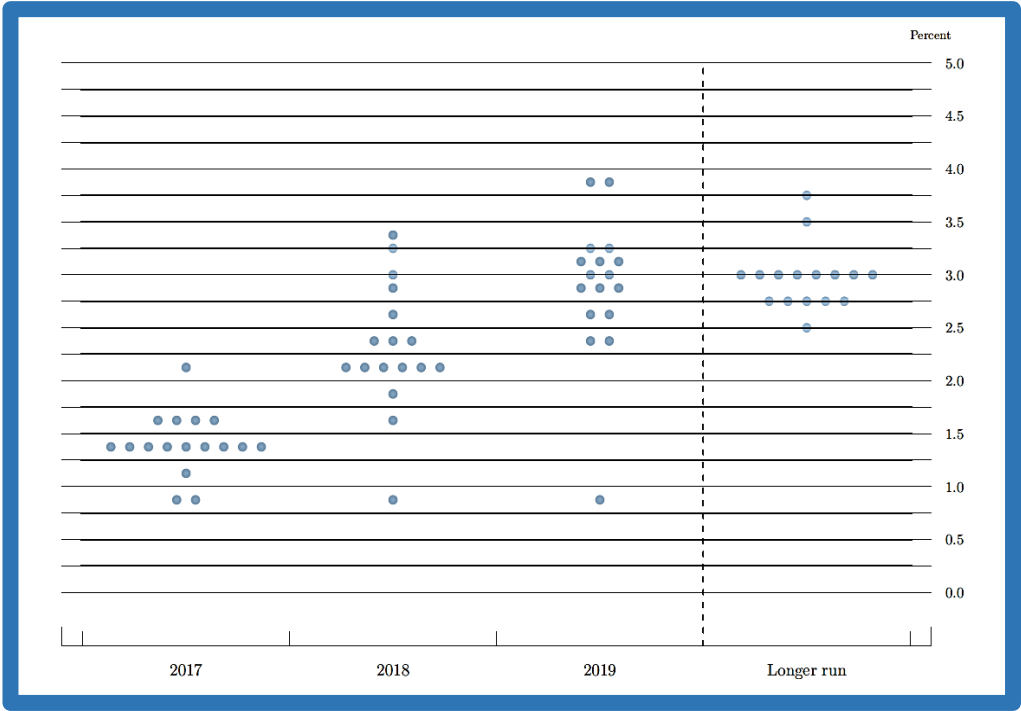
In December of 2008 the Federal Funds Rate was between 0 and 0.25% and since then has only risen twice. According to the Federal Reserve System, the Federal Funds Rate is defined as the interest rate at which depository institutions lend reserve balances to other depository institutions overnight. The first time was a 0.25% increase in December of 2015. The second happened just three months ago in December of 2016 by another 0.25%. Here we are in March of 2017 with yet another 0.25% increase putting the rate at a 0.75% - 1% range, and two more projected to happen before 2018, with expectations to be above 3% by 2019.

The dot plot graph to the right shows where each participant in the Federal Open Market Committee (FOMC) thinks the Federal Funds Rate should be in the next one year, two years, and in the longer run. Overall, it shows how the committee members feel about economic and monetary conditions in the future.

Because of the anticipation for the rate hike, the 10 year treasury bond yield has increased from 2.30 to 2.60 in the last three weeks. This has also increased yields in municipal bonds. Even though the rate hike did occur as anticipated, the 10 year treasury remains in trading range at 2.30 – 2.60%.

The next scheduled meeting for the FOMC is early May.

FOMC Dot Plot



Source: Board of Governors of the Federal Reserve System

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The information was obtained from sources which J.J.B. Hilliard, W.L. Lyons, LLC believes to be reliable but does not guarantee its accuracy and completeness. Please note, historical performance is not an indication of future results. Additional information is available upon request.

MSD Investments by Category
February 28, 2017

Total Cash & Investments by Category	Yield	Market Value	Face Value	Cost Value	Accrued Interest	Market Gain/Loss
Cash		10,585,645	10,579,135	10,579,135	-	6,510
FED HOME LN MTG CORP DEB		27,808,032	27,409,206	27,410,003	1,333	398,030
Municipal Obligations	4.3 - 4.7%	87,747,464	77,590,000	83,414,151	1,021,805	4,206,005
Commercial Paper	0.79%	64,961,469	64,851,286	64,851,286	-	-
Fed Gov Oblig Fund (money mkt)	.00 - .01%	70,827,683	68,340,792	68,340,792	-	3,308
Dreyfus Cash Mgmt (money mkt)	.00 - .01%	48,595,800	48,587,112	48,587,112	-	3,113
FED NATL MTGE ASSN DISC NOTE		-	-	-	-	-
FREDDIE MAC DISC. NOTE		-	-	-	-	-
Certificate of Deposit	0.0175	100,000	100,000	100,000	-	-
		\$ 310,626,093	\$ 297,457,530	\$ 303,282,479	\$ 1,023,138	\$ 4,616,967

Total earnings on investments FYTD 2017	\$ 9,576,282
--	---------------------

Asset Description	Maturity Date	Market Value	Par Value	Cost	Rating (Moody's)	Market Yield	Coupon Rate	Yield to Maturity	Duration
AUSTIN TEX WTR & WASTEWATER	11/15/2040	\$ 5,598,100.00	\$ 5,000,000.00	\$ 5,087,981.25	Aa2	4.58%	5.125%	4.31%	14.3
BAY AREA TOLL AUTH CALIF TOLL	4/1/2034	\$ 3,133,920.00	\$ 3,000,000.00	\$ 3,060,416.67	Aa3	4.79%	5.00%	4.62%	2.8
BEAVERCREEK OHIO CITY SCH DIST	12/1/2036	\$ 1,369,796.40	\$ 1,260,000.00	\$ 1,232,343.00	Aa1	4.60%	5.00%	4.34%	12.9
CHICAGO ILL	1/1/2039	\$ 5,078,833.20	\$ 5,220,322.23	\$ 5,160,000.00	Ba1	5.08%	5.00%	5.12%	13.3
FLORIDA ST BRD ED PUB ED	6/1/2037	\$ 1,407,310.20	\$ 1,380,000.00	\$ 1,309,373.13	Aa1	4.66%	4.75%	4.60%	13.1
HARRIS CNTY TEX FLOOD CTL DIST	10/1/2039	\$ 5,577,150.00	\$ 5,000,000.00	\$ 5,094,694.44		4.48%	5.00%	4.20%	14.0
JEA FLA WTR & SWR SYS REV	10/1/2039	\$ 1,050,003.40	\$ 955,000.00	\$ 960,172.92	Aa2	4.55%	5.00%	4.31%	13.9
JEA FLA WTR & SWR SYS REV	10/1/2039	\$ 1,000,526.80	\$ 910,000.00	\$ 914,929.17	Aa2	4.55%	5.00%	4.31%	13.9
KING CNTY WASH SWR REV	1/1/2039	\$ 5,078,833.20	\$ 5,160,000.00	\$ 5,220,322.23	Aa2	5.08%	5.00%	5.12%	13.3
LAS VEGAS VALLEY NEV WTR DIST	2/1/2037	\$ 3,112,740.00	\$ 3,000,000.00	\$ 2,988,573.33	Aa1	4.82%	5.00%	4.71%	12.9
LOS ANGELES CALIF DEPT ARPTS	5/15/2040	\$ 5,514,950.00	\$ 5,000,000.00	\$ 4,791,850.00	Aa3	4.53%	5.00%	4.29%	14.2
LOS ANGELES CALIF DEPT POWER	7/1/2038	\$ 6,332,940.00	\$ 6,000,000.00	\$ 6,199,120.00	Aa2	4.97%	5.25%	4.83%	13.2
LOUISIANA ST GAS & FUELS TAX	5/1/2040	\$ 5,495,500.00	\$ 5,000,000.00	\$ 5,029,861.11	Aa3	4.55%	5.00%	4.32%	14.2
METROPOLITAN ATLANTA RAPID	7/1/2039	\$ 5,396,350.00	\$ 5,000,000.00	\$ 5,076,883.33	Aa2	4.63%	5.00%	4.44%	13.9
NEW YORK N Y CITY MUN WTR FIN	12/1/2021	\$ 5,655,944.00	\$ 5,600,000.00	\$ 5,650,792.00	Aa2	2.38%	2.40%	2.18%	4.5
NEW YORK N Y CITY MUN WTR FIN	6/15/2037	\$ 4,147,072.20	\$ 4,110,000.00	\$ 4,110,000.00	Aa1	4.96%	5.00%	4.93%	12.8
NEW YORK N Y CITY MUN WTR FIN	6/15/2039	\$ 2,147,140.00	\$ 2,000,000.00	\$ 1,975,480.00	Aa2	4.66%	5.00%	4.47%	13.8
PALM BEACH CNTY FLA PUB IMPT	5/1/2038	\$ 3,142,080.00	\$ 3,000,000.00	\$ 3,047,916.67	Aa1	4.77%	5.00%	4.65%	13.2
SALT RIVER PROJ ARIZ AGRIC	1/1/2038	\$ 2,069,320.00	\$ 2,000,000.00	\$ 2,030,331.11	Aa1	4.83%	5.00%	4.74%	13.2
SALT RIVER PROJ ARIZ AGRIC	1/1/2038	\$ 5,173,300.00	\$ 5,000,000.00	\$ 5,008,650.00	Aa1	4.83%	5.00%	4.74%	13.2
TEXAS ST	4/1/2037	\$ 447,569.80	\$ 430,000.00	\$ 431,817.09		4.56%	4.75%	4.44%	13.0
TEXAS ST	4/1/2037	\$ 4,761,802.90	\$ 4,570,000.00	\$ 4,589,311.91	Aaa	4.56%	4.75%	4.43%	13.0
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2037	\$ 839,448.00	\$ 800,000.00	\$ 794,403.56	Aa3	4.77%	5.00%	4.63%	13.1
TRIBOROUGH BRDG & TUNL AUTH N	6/15/2039	\$ 1,836,292.50	\$ 1,750,000.00	\$ 1,748,541.67	Aa2	4.77%	5.00%	4.64%	13.7
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2038	\$ 4,810,500.00	\$ 4,500,000.00	\$ 4,538,820.00		4.68%	5.00%	4.50%	13.5
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2038	\$ 2,648,875.00	\$ 2,500,000.00	\$ 2,521,556.67	Aa3	4.72%	5.00%	4.56%	13.5
Totals:		\$ 90,177,422.60	\$ 85,645,322.23	\$ 86,052,584.59					
Average Years to Maturity:	20.66								

Unrealized Gain in Total (Market Value - Cost)
\$4,124,838.01

Total Weighted Average Yield to Maturity
4.42313%

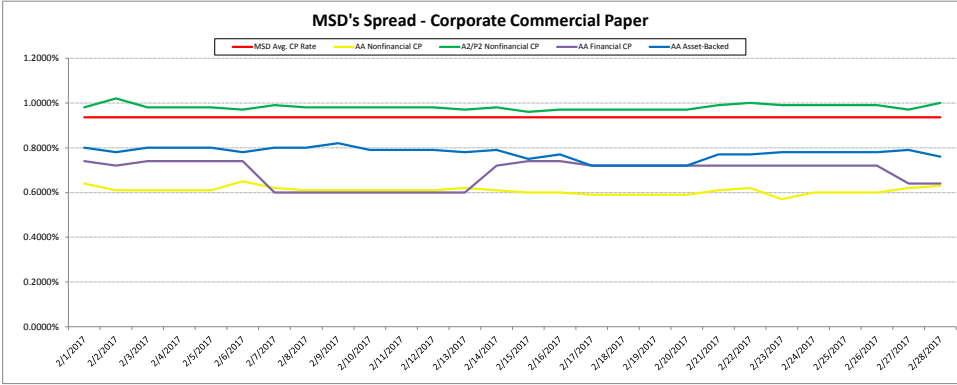
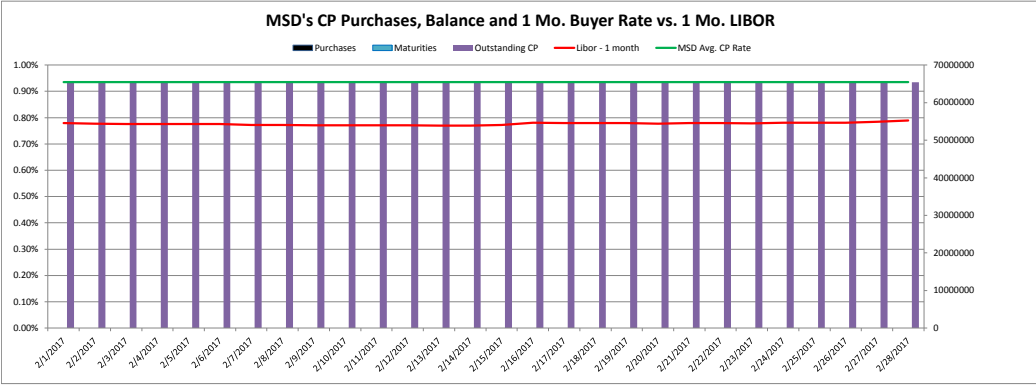
Total Weighted Average Duration
12.62208

Total Weighted Average Coupon Rates
4.86230%

Total Weighted Average Market Yield
4.58683%

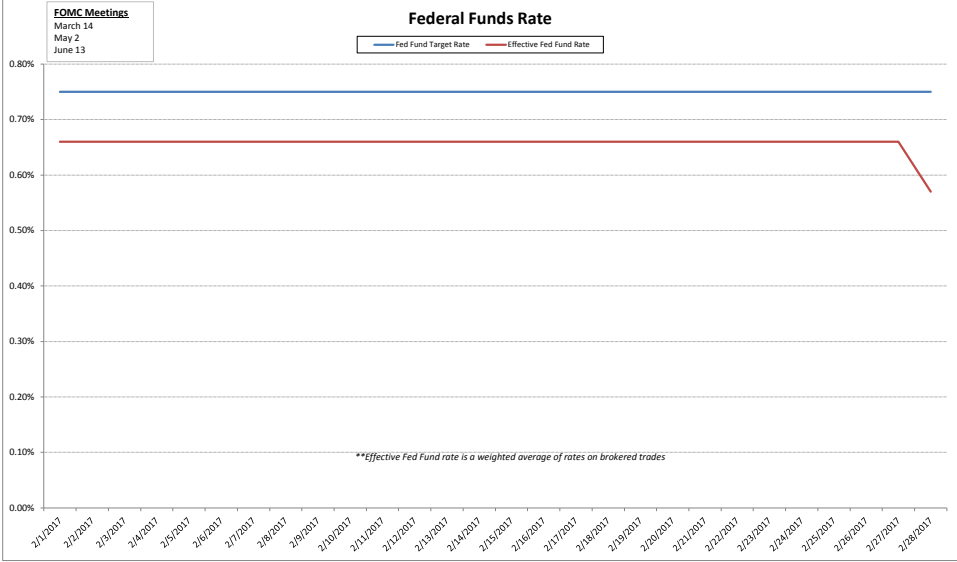
Prepared By Samuel Miller

3/16/2017

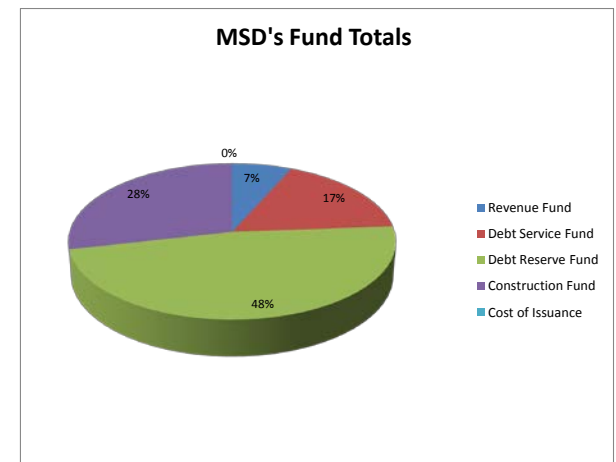


Outstanding as of 2/28/2016				
Company	Maturity Date	Purchase Amount	Maturity Amount	Rate ₁
Natixis NY Branch	3/13/2017	\$ 19,974,244.44	\$ 20,126,244.45	0.761%
Instituonal SF	3/15/2017	\$ 24,927,041.67	\$ 25,181,796.04	1.022%
Sumitomo Mitsui Trust	4/27/2017	\$ 19,950,000.00	\$ 20,149,999.95	1.003%
Total:		\$ 64,851,286.11	\$ 65,458,040.43	0.9356%

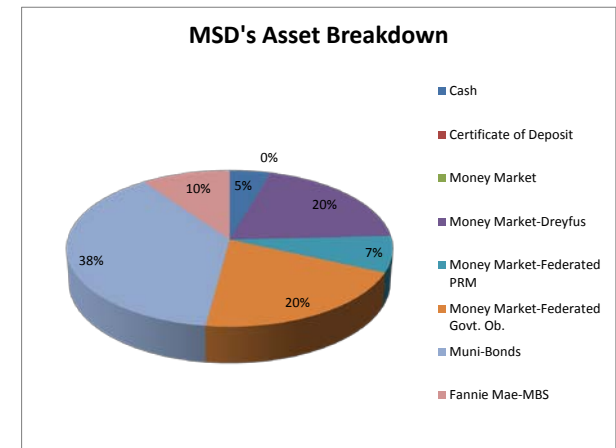
₁ Total rate shown is MSD's weighted average CP rate at month's end



Series	Revenue Fund	Debt Service Fund	Debt Reserve Fund	Construction Fund	Cost of Issuance	Totals
2007A	\$ -	\$ 1,805,902.08	\$ -	\$ -	\$ -	\$ 1,805,902.08
2008A	\$ -	\$ 2,568,361.66	\$ 4,418,947.74	\$ -	\$ -	\$ 6,987,309.40
2009A	\$ -	\$ 5,156,540.45	\$ 11,404,823.60	\$ -	\$ -	\$ 16,561,364.05
2009B	\$ -	\$ 13,812,761.18	\$ 28,696,159.13	\$ -	\$ -	\$ 42,508,920.31
2009C	\$ -	\$ 3,140,426.86	\$ 25,725,863.99	\$ -	\$ -	\$ 28,866,290.85
2010A	\$ -	\$ 6,017,377.02	\$ 39,153,087.87	\$ -	\$ -	\$ 45,170,464.89
2011A	\$ -	\$ 5,251,288.52	\$ -	\$ -	\$ -	\$ 5,251,288.52
2015 BAN	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2016 BAN	\$ -	\$ 1,948,108.25	\$ -	\$ -	\$ 6,500.00	\$ 1,954,608.25
2013A&B	\$ -	\$ 3,857,490.84	\$ 28,451,560.20	\$ -	\$ -	\$ 32,309,051.04
2013C	\$ -	\$ 1,448,349.50	\$ 5,400,873.30	\$ -	\$ -	\$ 6,849,222.80
2014A	\$ -	\$ 1,026,613.74	\$ -	\$ -	\$ -	\$ 1,026,613.74
2015A	\$ -	\$ 2,316,814.77	\$ 4,573,857.49	\$ -	\$ -	\$ 6,890,672.26
2015B	\$ -	\$ 2,570,810.97	\$ -	\$ -	\$ -	\$ 2,570,810.97
2016A	\$ -	\$ 1,194,288.00	\$ -	\$ 88,713,356.39	\$ 5,375.57	\$ 89,913,019.96
2016B	\$ -	\$ 437,544.12	\$ -	\$ -	\$ 5,008.72	\$ 442,552.84
2016C	\$ -	\$ 851,751.50	\$ -	\$ -	\$ 5,692.02	\$ 857,443.52
Cash	\$ 10,560,130.94	\$ -	\$ -	\$ -	\$ -	\$ 10,560,130.94
Certificate of Deposit	\$ 100,000.00	\$ -	\$ -	\$ -	\$ -	\$ 100,000.00
Treasury - Agency	\$ 10,000,427.06	\$ -	\$ -	\$ -	\$ -	\$ 10,000,427.06
Totals	\$ 20,660,558.00	\$ 53,404,429.46	\$ 147,825,173.32	\$ 88,713,356.39	\$ 22,576.31	\$ 310,626,093.48



Asset Description	Revenue Fund	Debt Service Fund	Debt Reserve Fund	Construction Fund	Cost of Issuance	Totals
Cash	\$ 10,560,130.94	\$ -	\$ -	\$ -	\$ 22,576.31	\$ 10,582,707.25
Certificate of Deposit	\$ 100,000.00	\$ -	\$ -	\$ -	\$ -	\$ 100,000.00
Money Market	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Money Market-Dreyfus	\$ -	\$ 9,530,804.19	\$ 11,949,838.44	\$ 23,751,887.77	\$ -	\$ 45,232,530.40
Money Market-Federated PRM	\$ -	\$ 13,812,761.18	\$ 3,363,269.23	\$ -	\$ -	\$ 17,176,030.41
Money Market-Federated Govt. Ob.	\$ -	\$ 30,060,864.09	\$ 16,956,568.90	\$ -	\$ -	\$ 47,017,432.99
Muni-Bonds	\$ -	\$ -	\$ 87,747,464.40	\$ -	\$ -	\$ 87,747,464.40
Fannie Mae-MBS	\$ -	\$ -	\$ 22,656,186.00	\$ -	\$ -	\$ 22,656,186.00
Treasury - Agency	\$ 10,000,427.06	\$ -	\$ 5,151,846.35	\$ -	\$ -	\$ 15,152,273.41
Corporate Commercial Paper	\$ -	\$ -	\$ -	\$ 39,969,281.12	\$ -	\$ 39,969,281.12
Asset Backed Commercial Paper	\$ -	\$ -	\$ -	\$ 24,992,187.50	\$ -	\$ 24,992,187.50
Totals	\$ 20,660,558.00	\$ 53,404,429.46	\$ 147,825,173.32	\$ 88,713,356.39	\$ 22,576.31	\$ 310,626,093.48



Louisville and Jefferson County Metropolitan Sewer District

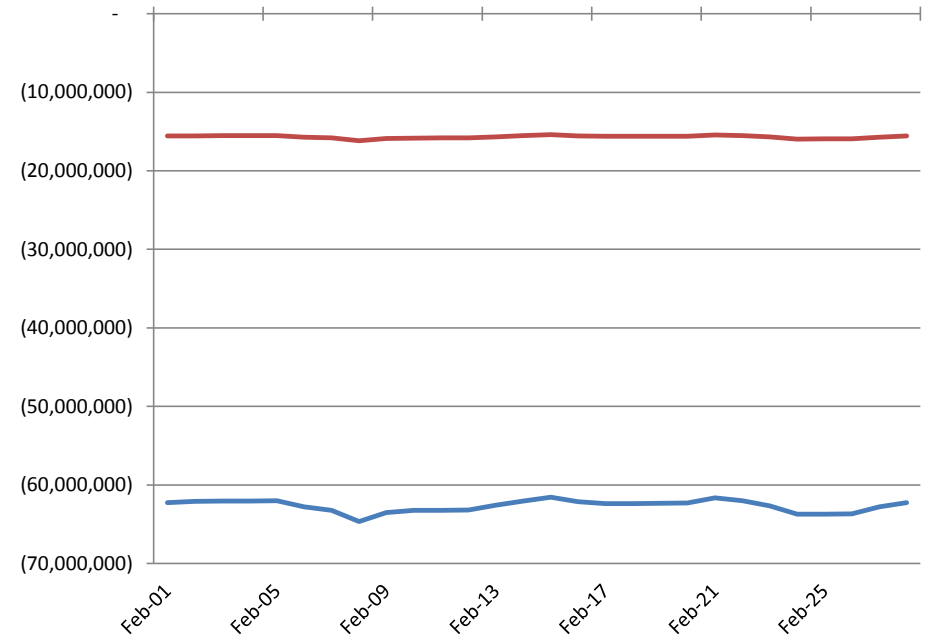
Monthly Swap Report

Swap Provider	Swap ID	Description	Effective Date	Expiration Date	Current Notional	MSD Pays	MSD Receives	Market Rate	MTM
Wells Fargo	2009-1	LIBOR Fixed Payer	11/15/2009	5/15/2033	\$180,716,000	4.4215%	67% of 1M LIBOR	1.57%	(\$61,302,382)
BofA/Merrill	2009-2	LIBOR Fixed Payer	11/15/2009	5/15/2033	45,284,000	4.4215%	67% of 1M LIBOR	1.57%	(15,344,134)
TOTAL					\$226,000,000			TOTAL	(\$76,646,516)

Historic Aggregate MTM (Inception to present)



Historic Aggregate MTM (last month)



All values reflect "mid-market" conditions as of market close 02/28/2017 and exclude accrued interest

The accompanying information was obtained from sources which William Blair & Company, L.L.C. believes to be reliable but does not guarantee its accuracy and completeness. The material has been prepared solely for informational purposes and is not a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. Historical data is not an indication of future results. The opinions expressed are our own unless otherwise stated. Additional information is available upon request.

PERFORMANCE MATRIX - OPERATING EXPENSE

FY 2017

"Manage the operating units of MSD within the FY2017 budget, delivering reliable and responsive services to customers."

Year to Date Totals	O&M Budget	ACTUALS											
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
FY12 YTD Total	111,795,300	6,938,802	16,201,752	24,902,770	33,479,442	42,814,484	51,935,981	61,511,843	69,073,118	78,407,069	87,058,106	96,507,485	106,587,246
FY13 YTD Total	117,433,000	7,542,927	15,776,654	24,954,227	33,728,389	41,767,405	50,599,259	60,126,918	67,751,390	77,063,950	86,612,356	96,217,336	108,535,303
FY14 YTD Total	115,280,596	8,456,854	16,096,345	25,381,204	34,584,770	42,559,114	51,600,642	60,344,260	68,384,591	77,766,147	86,691,675	94,446,233	107,650,171
FY15 YTD Total	115,975,014	6,671,498	14,866,211	23,553,895	31,636,191	40,321,276	50,333,536	58,353,348	66,508,611	75,879,722	85,389,477	95,219,201	106,174,406
FY16 YTD Total	116,021,156	7,762,835	16,440,660	28,342,724	37,926,793	46,102,024	58,298,571	68,378,257	75,313,842	86,045,680	95,886,535	105,489,677	114,719,776
FY17 YTD Total	120,930,511	7,620,192	20,131,479	27,277,326	36,914,606	46,463,982	57,941,517	66,304,967	76,178,939				
Percent Expended to Date													
FY12 YTD Total		6.51%	15.20%	23.36%	31.41%	40.17%	48.73%	57.71%	64.80%	73.56%	81.68%	90.54%	100.00%
FY13 YTD Total		6.95%	14.54%	22.99%	31.08%	38.48%	46.62%	55.40%	62.42%	71.00%	79.80%	88.65%	100.00%
FY14 YTD Total		7.86%	14.95%	23.58%	32.13%	39.53%	47.93%	56.06%	63.52%	72.24%	80.53%	87.73%	100.00%
FY15 YTD Total		6.28%	14.00%	22.18%	29.80%	37.98%	47.41%	54.96%	62.64%	71.47%	80.42%	89.68%	100.00%
FY16 YTD Total		6.77%	14.33%	24.71%	33.06%	40.19%	50.82%	59.60%	65.65%	75.01%	83.58%	91.95%	100.00%
5 YEAR AVERAGE		6.87%	14.60%	23.36%	31.49%	39.27%	48.30%	56.75%	63.81%	72.66%	81.20%	89.71%	100.00%

Performance Matrix Results - FY 2016

FY16 YTD Budget	10,710,546	20,095,154	29,683,058	40,294,935	49,395,127	58,567,261	69,210,179	77,748,089	87,051,857	97,582,418	106,511,877	116,021,156
FY16 YTD Total	7,762,835	16,440,660	28,342,724	37,926,793	46,102,024	58,298,571	68,378,257	75,313,842	86,045,680	95,886,535	105,489,677	114,719,776
Variance of Actual to Budget	(2,947,711)	(3,654,494)	(1,340,334)	(2,368,142)	(3,293,103)	(268,690)	(831,922)	(2,434,247)	(1,006,177)	(1,695,883)	(1,022,200)	(1,301,380)
FY 2016 Performance Level Matrix Results	72.48%	81.81%	95.48%	94.12%	93.33%	99.54%	98.80%	96.87%	98.84%	98.26%	99.04%	98.88%

Performance Matrix Results - FY 2017

FY17 YTD Budget	11,167,744	20,731,558	31,490,332	41,091,528	49,875,373	60,115,451	68,935,652	77,832,461	87,099,398	96,689,232	105,646,171	120,930,511
FY17 YTD Total	7,620,192	20,131,479	27,277,326	36,914,606	46,463,982	57,941,517	66,304,967	76,178,939	0	0	0	0
Variance of Actual to Budget	(3,547,552)	(600,079)	(4,213,006)	(4,176,922)	(3,411,391)	(2,173,934)	(2,630,685)	(1,653,522)	0	0	0	0

FY 2017 Performance Level Matrix Results	68.23%	97.11%	86.62%	89.84%	93.16%	96.38%	96.18%	97.88%	0.00%	0.00%	0.00%	0.00%
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Performance Matrix		
	FY16	FY17
Exceptionally Achieves	< 92.5%	< 92.5%
Commendably Achieves	92.6% - 95%	92.6% - 95%
Fully Achieves	95.1% - 100%	95.1% - 100%
Minimally Achieves	100.1% - 104.9%	100.1% - 104.9%
Fails to Achieve	> 105%	> 105%

Performance Matrix Results				
	Budget	Actual	Percentage	5 Yr Average
FY12	111,795,300	106,587,246	95.34%	94.72%
FY13	117,433,000	108,535,303	92.42%	
FY14	115,280,596	107,650,171	93.38%	
FY15	115,975,014	108,496,496	93.55%	
FY16	116,021,156	114,719,776	98.88%	

Results:		
2013	92.42%	Exceptionally Achieves
2014	93.38%	Commendably Achieves
2015	93.55%	Commendably Achieves
2016	98.88%	Fully Achieves

Prepared by: Patrick Meador

ASSUMPTIONS: Matrix results assume a typical weather year and no extraordinary events exceeding contingency reserve.

PERFORMANCE MATRIX - CAPITAL EXPENSE

FY 2017

"Effectively manage the FY2017 Capital Program to assure projects are completed on time and within budget."

ACTUALS													
Year to Date Totals	Budget	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
FY11 YTD Total	0	1,262,958	16,276,036	24,056,876	34,447,381	43,008,365	54,167,734	68,556,733	79,586,957	93,448,740	103,934,678	114,823,264	138,311,288
FY12 YTD Total	0	12,013,202	10,264,823	19,837,145	30,303,709	38,307,940	47,269,999	57,000,249	65,618,465	70,335,835	78,096,420	85,409,667	102,508,269
FY13 YTD Total	150,661,500	6,689,211	6,471,367	10,658,314	22,862,055	30,238,249	38,543,925	45,964,426	53,351,679	58,217,541	63,726,904	70,740,663	90,283,467
FY14 YTD Total	108,669,797	9,048,107	8,106,866	14,158,444	24,827,164	30,545,485	37,501,927	46,587,639	53,259,836	58,635,402	63,367,536	72,427,292	85,978,375
FY15 YTD Total	117,859,314	5,346,882	12,716,942	11,632,363	23,038,258	29,921,263	38,987,761	46,300,430	55,051,591	61,767,963	70,840,562	81,639,090	117,298,703
FY16 YTD Total	187,476,359	3,902,562	12,006,650	23,516,883	42,996,039	53,570,102	67,680,306	81,097,201	99,775,576	109,876,994	129,380,285	147,305,210	184,082,207
FY17 YTD Total	166,900,000	1,751,638	18,290,275	36,999,653	55,686,985	71,983,984	84,522,539	96,472,408	116,258,566	0	0	0	0
5 YEAR AVERAGE by Month		7.27%	1.53%	5.27%	11.29%	6.85%	8.29%	8.36%	8.39%	5.49%	7.50%	8.88%	20.89%
YTD		7.27%	8.79%	14.06%	25.35%	32.20%	40.49%	48.85%	57.24%	62.73%	70.23%	79.11%	100.00%
Performance Matrix Results - FY 2016													
FY16 Budget Comparative on 5 YEAR AVERAGE		13,169,669	18,455,035	28,096,986	48,109,118	61,115,056	76,799,685	93,641,169	108,558,831	120,554,222	133,487,416	149,429,910	187,476,359
FY16 YTD Total		3,902,562	12,006,650	23,516,883	42,996,039	53,570,102	67,680,306	81,097,201	99,775,576	109,876,994	129,380,285	147,305,210	184,082,207
Variance of Actual to 5 YEAR AVERAGE		(9,267,107)	(6,448,385)	(4,580,103)	(5,113,079)	(7,544,954)	(9,119,379)	(12,543,968)	(8,783,255)	(10,677,228)	(4,107,131)	(2,124,700)	(3,394,152)
FY 2016 Performance Level Matrix Results		29.63%	65.06%	83.70%	89.37%	87.65%	88.13%	86.60%	91.91%	91.14%	96.92%	98.58%	98.19%
FY15 Actual versus Budget Results		64.88%	117.01%	64.45%	78.75%	80.37%	84.60%	82.03%	74.75%	76.16%	80.21%	83.81%	99.52%
FY16 Actual versus Budget Results		29.63%	65.06%	83.70%	89.37%	87.65%	88.13%	86.60%	91.91%	91.14%	96.92%	98.58%	98.19%
FY17 Budget Comparative on 5 YEAR AVERAGE		12,127,098	14,678,650	23,471,703	42,311,969	53,741,760	67,570,364	81,523,697	95,529,037	104,694,194	117,213,812	132,029,061	166,900,000
FY17 YTD Total		1,751,638	18,290,275	36,999,653	55,686,985	71,983,984	84,522,539	96,472,408	116,258,566	0	0	0	0
Variance of Actual to 5 YEAR AVERAGE		(10,375,460)	3,611,625	13,527,950	13,375,016	18,242,225	16,952,175	14,948,711	20,729,529	0	0	0	0
FY17 Actual versus Budget Results		14.44%	124.60%	157.64%	131.61%	133.94%	125.09%	118.34%	121.70%	0.00%	0.00%	0.00%	0.00%
FY15 Variance to Engineer's Estimate		63.98%	63.35%	60.73%	50.12%	44.54%	27.50%	19.92%	8.82%	8.79%	8.15%	8.01%	7.82%
FY16 Variance to Engineer's Estimate		-8.24%	-6.27%	-1.76%	-1.28%	5.33%	1.00%	0.79%	0.77%	0.61%	-4.29%	-4.79%	-4.12%
FY17 Bid Estimate		3,635,730	4,022,730	4,263,730	5,530,956	7,794,867	8,874,217	9,492,148	9,636,148	0	0	0	0
FY17 Board Approved		2,916,055	3,336,643	3,569,581	4,730,888	7,619,575	8,753,961	9,530,461	9,668,528	0	0	0	0
FY17 Variance to Engineer's Estimate		-19.79%	-17.06%	-16.28%	-14.47%	-2.25%	-1.36%	0.40%	0.34%	0.00%	0.00%	0.00%	0.00%
FY 2015 Performance Level Matrix Results		0.90%	53.66%	3.72%	28.63%	35.83%	57.10%	62.11%	65.93%	67.37%	72.06%	75.80%	91.70%
FY 2016 Performance Level Matrix Results		37.87%	71.33%	85.46%	90.65%	82.32%	87.13%	85.81%	91.14%	90.53%	101.21%	103.37%	102.31%
FY 2017 Performance Level Matrix Results		34.23%	141.66%	173.92%	146.08%	136.19%	126.44%	117.93%	121.36%	0.00%	0.00%	0.00%	0.00%

Performance Matrix			
	FY15	FY16	FY17
Exceptionally Achieves	>92.5%	>95.0%	>96.0%
Commendably Achieves	85% - 92.4%	90% - 94.9%	91% - 95.9%
Fully Achieves	75% - 84.9%	80% - 89.9%	82% - 90.9%
Minimally Achieves	65.1% - 74.9%	75% - 79.9%	77.1% - 81.9%
Fails to Achieve	<65%	<75%	<77%

(FY17 Actual to Budget % + / - FY17 Variance to Eng. Estimate %)

Results: 2013	59.92%	Minimally Achieves
2014	79.12%	Fully Achieves
2015	99.52%	Exceptionally Achieves
2016	102.31%	Exceptionally Achieves

(FY13 through FY15 included Actual vs. Budget % Only)

Performance Matrix Results (excludes Eng. Estimate)			
	Budget *	Actual *	Percentage
FY12	156,193,500	102,508,269	65.63%
FY13	150,661,500	90,283,467	59.92%
FY14	108,669,797	85,978,375	79.12%
FY15	117,859,314	117,298,703	99.52%
FY16	187,476,359	184,082,207	98.19%
AVERAGE		116,030,204	80.48%

* Does not include Force Account amounts.

Prepared by: Patrick Meador

Performance Matrix - Regulatory

Notice to EPA

"Effectively operate wastewater plants to assure compliance with water quality regulations and improve the quality of area waterways."

Treatment Plant	Violations								
	2008	2009	2010	2011	2012	2013	2014	2015	2016
Cedar Creek	4	0	0	0	0	0	0	0	0
Derek R. Guthrie	1	2	0	0	0	0	0	3	0
Floyds Fork	4	2	0	1	0	0	0	0	0
Hite Creek	0	2	0	4	0	0	0	0	2
Morris Forman	0	0	3	2	0	0	0	15	11
Closed Plants	33	10	23	19	6	22	13	4	2
Total Violations - Cumulative	42	16	26	26	6	22	13	22	15
Violation Months	30	15	9	15	4	12	8	9	7

Violation Free Months (a) 87.50% 93.75% 96.25% 93.75% 98.33% 95.00% 96.30% 95.24% 93.33%

(a) each month per treatment plant without one or more NOV's

Regional Treatment Plants

	Unauthorized Dry Weather Discharges										
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
Bypass	10	21	13	3	8	8	8	0	3		
Electrical	1	3	3	1	2	0	1	0	1		
Grease	0	4	1	1	0	1	4	6	2		
Mechanical	4	5	7	7	4	2	1	3	2		
Obstruction	3	4	9	13	16	8	4	5	3		
Flood	11	1	0	2	0	0	0	1	0		
Roots	7	3	4	3	2	2	5	2	1		
Structural	4	11	3	12	8	2	6	8	15		
Total Discharges - Cumulative (b)	40	52	40	42	40	23	29	25	27		
Discharge Months	40	52	40	42	40	23	29	25	27		

S. A. Discharge Free Months (c) 91.67% 89.17% 91.67% 91.25% 91.67% 95.21% 93.96% 94.79% 94.38%

(b) Excluding Power, Utility Damage and Upset causes.

(c) each month per sewer district without a discharge

FY 2017 Violations											
July	August	Sept.	October	November	December	January	February	March	April	May	June
0	0	0	0	0	0	0	0				
0	0	0	0	0	0	1	0				
0	0	0	0	0	0	0	0				
0	0	0	0	0	0	0	0				
0	0	4	5	4	5	3	5				
0	0	4	9	13	18	22	27				
0	0	1	2	3	4	6	7				
100.00%	100.00%	93.33%	90.00%	88.00%	86.67%	82.86%	82.50%				

FY17 Unauthorized Discharges											
July	August	Sept.	October	November	December	January	February	March	April	May	June
0	0	1	0	0	0	0	0				
0	0	1	0	0	0	1	0				
0	0	0	0	0	0	1	0				
0	0	0	0	0	0	0	2				
0	0	0	0	0	0	0	0				
0	0	0	0	0	0	0	0				
1	1	0	0	0	2	1	1				
1	2	4	4	4	6	9	12				
1	2	4	4	4	6	9	12				
97.50%	97.50%	96.67%	97.50%	98.00%	97.50%	96.79%	96.25%				

Weighted Average

98.8%	98.8%	95.0%	93.8%	93.0%	92.1%	89.8%	89.4%
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UD Performance Goals (50%)			
	Discharges		FY 2017
Exceptional Achieves	< 16	96.7%	> 96.7%
Commendable Achieves	17 to 26	94.6%	94.6% to 96.6%
Fully Achieves	27 to 40	91.7%	91.7% to 94.5%
Minimal Achieves	41 to 51	89.4%	89.3% to 91.6%
Fails to Achieve	> 52	89.2%	< 89.2%

NOV Performance Goals (50%)			
	NOVs		FY 2017
Exceptional Achieves	< 3	95.0%	> 95.0%
Commendable Achieves	4 to 5	91.7%	91.7% to 94.9%
Fully Achieves	6 to 7	88.3%	88.3% to 91.6%
Minimal Achieves	8 to 9	85.0%	83.4% to 88.2%
Fails to Achieve	> 10	83.3%	< 83.3%

Combined Goals		
	FY 2016	FY 2017
Exceptional Achieves	> 97%	> 95.8%
Commendable Achieves	95% to 96.9%	93.1% to 95.7%
Fully Achieves	92.10% to 94.9%	90.0% to 93.0%
Minimal Achieves	89.10% to 92.0%	86.4% to 89.9%
Fails to Achieve	< 89%	< 86.3%

Results:	2013	95.00%	Commendable Achieves
	2014	96.30%	Commendable Achieves
	2015	95.24%	Commendable Achieves
	2016	93.90%	Fully Achieves

Performance Matrix - Safety

OSHA Recordable Injuries
Lost Time due to Injury
Preventable Vehicular Accidents
FY 2017

"Develop a comprehensive Safety and Health program plan and provide a safe work environment for employees and the community."

	July	August	September	October	November	December	January	February	March	April	May	June
OSHA Recordable Injuries												
Cumulative Number	1	4	6	6	7	7	7	8	0	0	0	0
Annualized	12	24	24	18	17	14	12	12	0	0	0	0
Percentage	30%	60%	60%	45%	42%	35%	30%	30%	0%	0%	0%	0%
Lost Time due to Injury												
Cumulative Number	3	5	7	7	8	9	10	10	0	0	0	0
Annualized	36	30	28	21	19	18	17	15	0	0	0	0
Percentage	106%	88%	82%	62%	56%	53%	50%	44%	0%	0%	0%	0%
Preventable Accidents												
Cumulative Number	3	9	13	17	18	23	29	34	0	0	0	0
Annualized	36	54	52	51	43	46	50	51	0	0	0	0
Percentage	55%	83%	80%	78%	66%	71%	76%	78%	0%	0%	0%	0%
Weighted Average	63.7%	77.1%	74.1%	61.7%	55.0%	52.9%	52.3%	50.9%	0.0%	0.0%	0.0%	0.0%

<u>Actual</u>	OSHA <u>Rec. Inj.</u>	Lost <u>Time</u>	Preventable <u>Accidents</u>
2011	55	21	83
2012	60	21	87
2013	44	28	60
2014	38	30	46
2015	54	39	50
2016	<u>26</u>	<u>31</u>	<u>62</u>
Average	46	28	65
Weight	33%	33%	33%
Exceptional	< 32 80%	< 27.2 80%	< 52 80%
Commendable	< 36 90%	< 30.5 90%	< 58.5 90%
Fully	= 40 100%	= 34 100%	= 65 100%
Minimal	> 44 110%	> 37.5 110%	> 71.5 110%
Fails	> 48 120%	> 40.8 120%	> 78 120%

Results: 2013 122% Minimal Achieves
2014 86% Commendable Achieves
2015 114% Minimally Achieves
2016 80% Exceptional Achieves

Weighted Average Performance Goals			
	FY 2015	FY 2016	FY 2017
Exceptional Achieves	< 80%	< 80%	< 80.0%
Commendable Achieves	80.1% to 90%	80.1% to 90%	80.1% to 89.9%
Fully Achieves	90.1% to 100.0%	90.1% to 100.0%	90.1% to 100.0%
Minimal Achieves	100.1% to 119.9%	100.1% to 119.9%	100.1% to 119.9%
Fails to Achieve	> 120%	> 120%	> 120.0%

Performance Matrix - Customer Service

Service Requests - MSD Assets
Drainage Service Requests
Backup Service Requests
FY 2017

"Achieving a premium level of customer care and service throughout MSD."

	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>
Service Requests - MSD Assets												
Cumulative Service Requests	931	2,265	3,247	4,157	5,010	5,830	6,719	7,493	0	0	0	0
Annualized	11,172	13,590	12,988	12,472	12,023	11,660	11,519	11,239	0	0	0	0
Customers	255,292	255,292	255,426	255,050	255,649	255,779	255,928	256,126				
Percentage Free	95.6%	94.7%	94.9%	95.1%	95.3%	95.4%	95.5%	95.6%				
Drainage Service Requests												
Cumulative Open Requests	1,662	3,564	5,279	6,883	8,332	9,693	11,058	12,227	0	0	0	0
Cumulative Open Requests < 9 Months	1,629	3,508	5,205	6,786	8,192	9,453	10,692	11,735	0	0	0	0
Percentage	98.0%	98.4%	98.6%	98.6%	98.3%	97.5%	96.7%	96.0%				
Backup Service Requests												
Total Backup Requests	276	575	842	1,105	1,439	1,791	2,150	2,472	0	0	0	0
Backup Requests Responded to Within 4 Hours	272	554	817	1,067	1,378	1,693	2,022	2,321	0	0	0	0
Percentage	98.6%	96.3%	97.0%	96.6%	95.8%	94.5%	94.0%	93.9%				
Weighted Average	97.4%	96.5%	96.8%	96.7%	96.4%	95.8%	95.4%	95.2%	0.0%	0.0%	0.0%	0.0%

<u>Actual</u>	<u>Service Requests</u>			<u>Drainage Requests</u>			<u>Backup Requests</u>		
	<u>Requests</u>	<u>Customers</u>	<u>1-%</u>	<u>Requests</u>	<u>< 9 Months</u>	<u>%</u>	<u>Requests</u>	<u>< 4 Hours</u>	<u>%</u>
2014	9,611	240,280	96.00%	16,644	15,252	91.64%	4,083	3,597	88.10%
2015	14,326	244,694	94.15%	16,052	14,990	93.38%	4,103	3,578	87.20%
2016	14,123	254,825	94.46%	17,384	17,132	98.55%	3,674	3,434	93.47%
Average	12,687	246,600	94.87%	16,693	15,791	94.52%	3,953	3,536	89.59%
Weight	33%			33%			33%		
Exceptional	< 98%	107%		< 98%	107%		< 96%	107%	
Commendable	< 96%	104%		< 96%	104%		< 94%	104%	
Fully	= 92%	100%		= 92%	100%		= 90%	100%	
Minimal	> 88%	96%		> 88%	96%		> 86%	96%	
Fails	> 85%	92%		> 85%	92%		> 83%	92%	

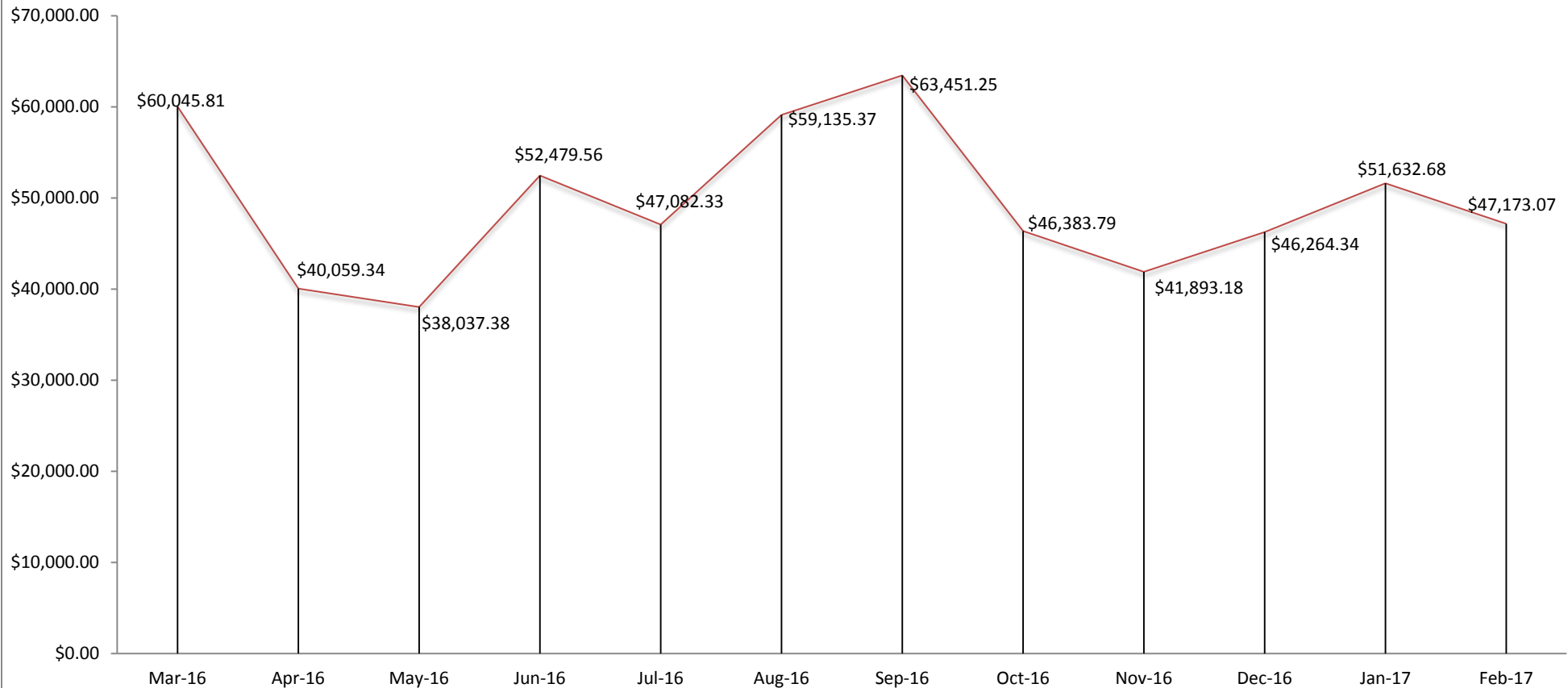
2014	91.90%	Fully Achieves
2015	91.57%	Fully Achieves
2016	95.52%	Commendable Achieves

<u>Weighted Average Performance Goals</u>		
	<u>FY 2016</u>	<u>FY 2017</u>
Exceptional Achieves	> 96.0%	> 97.3%
Commendable Achieves	93.7% to 95.9%	95.3% to 97.2%
Fully Achieves	90.0% to 93.6%	91.3% to 95.2%
Minimal Achieves	81.1% to 89.9%	84.4% to 91.2%
Fails to Achieve	< 81.0%	< 84.3%

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P-CARD TOTAL SPEND

DATE RANGE: MARCH 31, 2016 TO FEBRUARY 28, 2017



P-cards issued= 112

Total violation = 13

- Sales Tax = 2
- Split charges = 0
- Lack of Receipts = 0
- Personal expense = 0
- Late receipt = 11
- Unauthorized purchase = 0
- Prepay = 0
- Substitute Receipts = 0
- Travel Expenditures = 0
- Lack of Employee Signature = 0
- Lack of Supervisor Signature = 0

P-card By Division

- Executive Office= 5
 - Legal=2
 - Human Resources=4
 - Finance=6
- Engineering Division**
- Regulaory & GIS = 2
 - Development = 2
 - Design & Construction = 1

Operations

- Administration = 1
- Collections Systems = 16
- Drainage & Flood Protection = 11
- Treatment Facilities (Maintenance) = 10
- Collections System (Sanitary) = 6
- Support Services = 14
- Treatment Facilities = 19
- Performance = 4

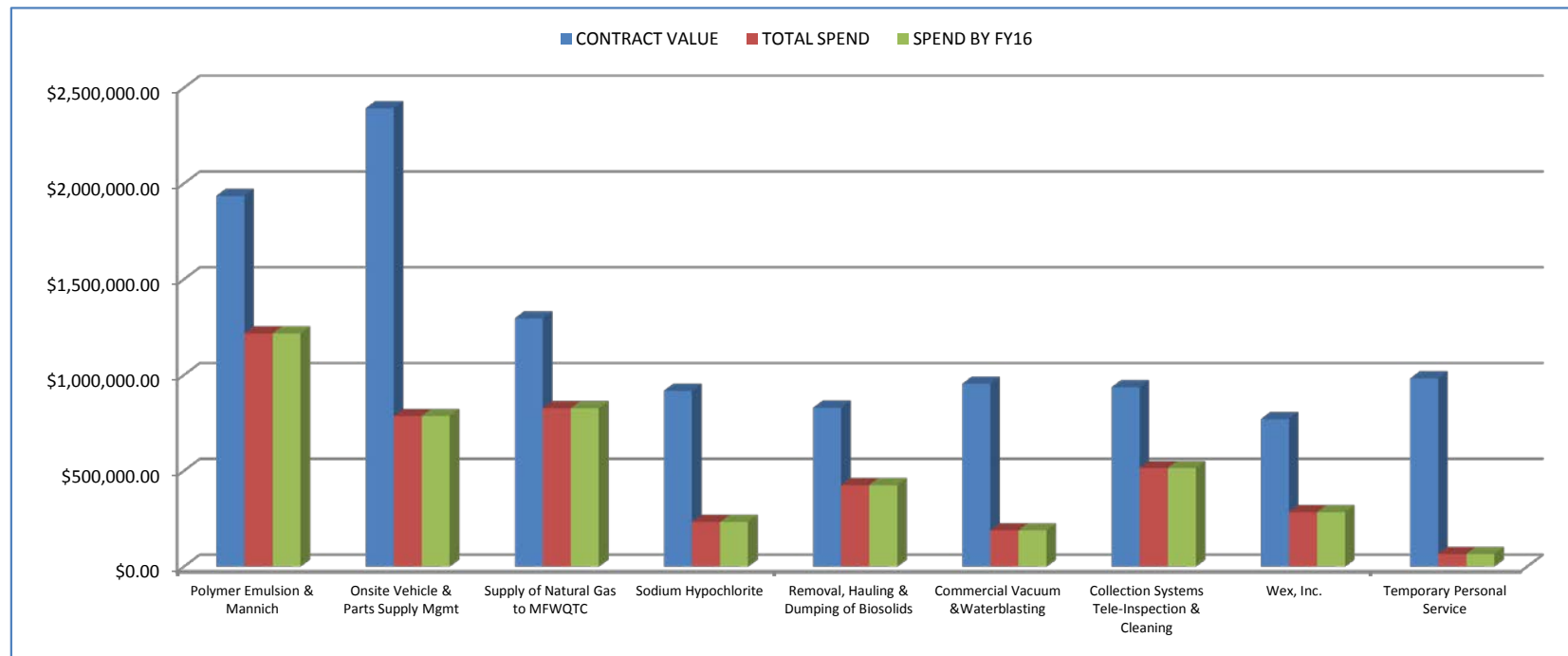
Information Technology Division

- Information Technology= 9

REPORT PREPARED BY: LeQuita Moore 3.10.17

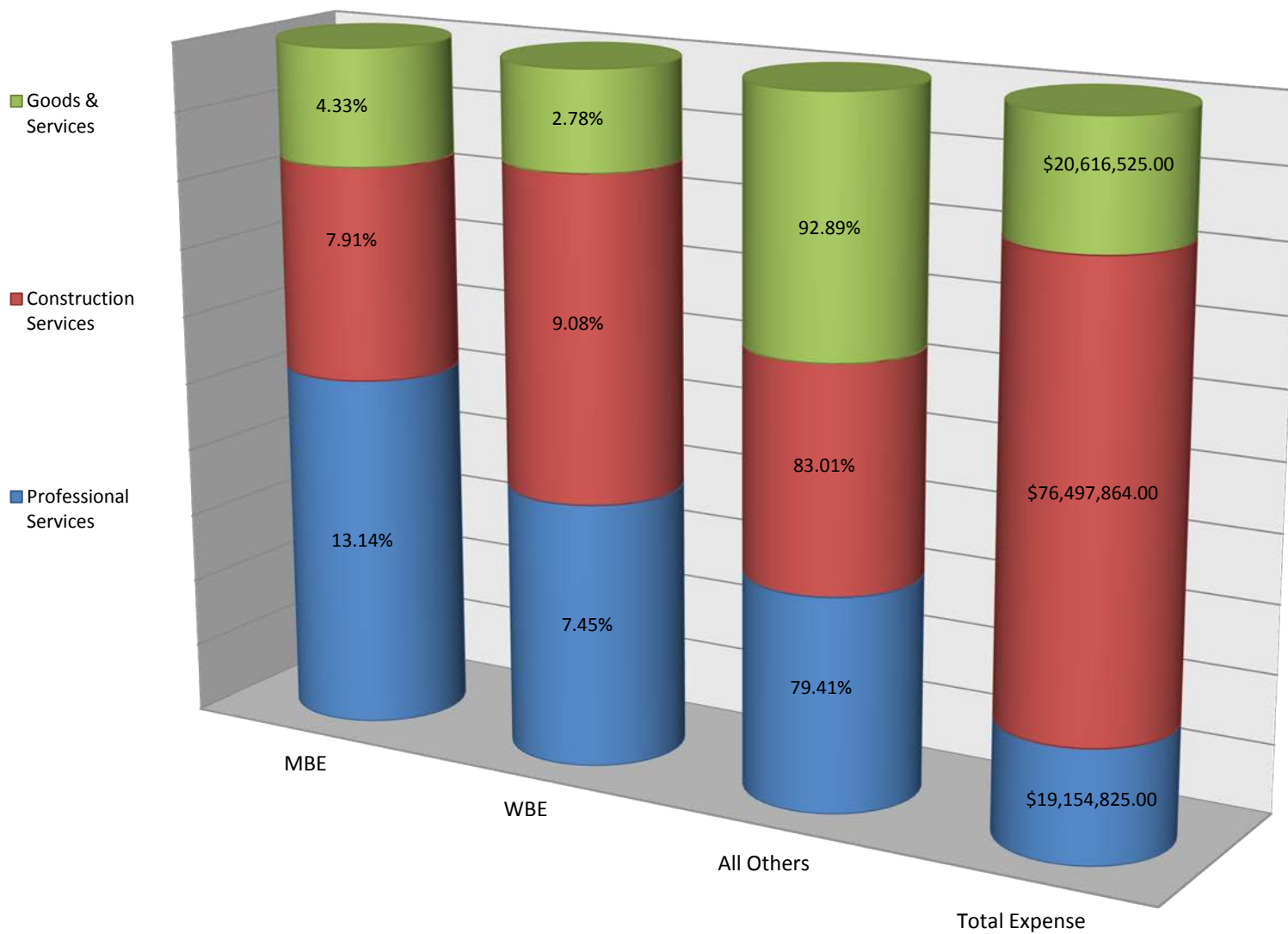
PURCHASING TOP 10 GOODS & SERVICES CONTRACTS
TWELVE MONTH TOTAL SPEND BY PURCHASE ORDER
REVIEW PERIOD: CONTRACT EFFECTIVE DATE THROUGH 2/28/2017

TOTAL SPEND BY CONTRACT EFFECTIVE AND EXPIRATION DATE										
CONTRACT DATE RANGE	7/1/2016-6/30/2017	7/1/2016-6/30/2017	1/1/2016 - 12/31/2021	10/5/2016 - 10/4/2017	7/1/2016 - 6/30/2017	7/1/2016 - 6/30/2017	1/1/2017 - 12/31/2017	9/1/2016 - 8/31/2017	8/1/2015 - 7/31/2017	06/23/2015-06/30/2017
PURCHASE ORDER VALUE	\$ 1,935,999.98	\$ 2,392,600.00	\$ 1,296,583.00	\$ 918,765.90	\$ 830,000.00	\$ 955,333.00	\$ 937,500.00	\$ 770,628.00	\$ 565,000.00	\$ 1,078,000.00
Contract Title / Company Name	*Polymer Emulsion /Mannich (Polydyne, Inc.)	Onsite Vehicle & Parts Supply Mgmt (NAPA Genuine Auto Parts)	Supply of Natural Gas to MFWQTC (Constellation New Energy)	Sodium Hypochlorite (Chemical Resources, Inc.)	Removal, Hauling & Dumping of Biosolids (C & J Waste Mgmt, Inc.)	Commercial Vacuum & Waterblasting (C & J Waste Mgmt, Inc.)	Collection Systems Tele-Inspection & Cleaning (Robinson Pipe Cleaning)	Fleet Fuel Credit Card Services (Wex, Inc.)	Temporary Personal Services (Crown Services, Inc.)	IT Consulting Services (Teksystems, Inc.)
TOTAL SPEND BY CONTRACT EFFECTIVE AND EXPIRATION DATE	\$ 1,216,911.72	\$ 786,519.50	\$ 827,872.72	\$ 233,386.07	\$ 426,696.95	\$ 190,256.69	\$ 515,585.70	\$ 284,684.65	\$ 66,587.16	\$ 613,931.50
% SPEND	62.9%	32.9%	63.9%	25.4%	51.4%	19.9%	55.0%	36.9%	11.8%	57.0%
TOTAL SPEND BY FISCAL YEAR 2016										
EFFECTIVE JULY 1, 2015	\$ 1,216,911.72	\$ 786,519.50	\$ 827,872.72	\$ 233,386.07	\$ 426,696.95	\$ 190,256.69	\$ 515,585.70	\$ 284,684.65	\$ 66,587.16	\$ 631,931.50



Prepared by: LeQuita Moore 3.10.2017

**MBE/ WBE Expenditure Report
YTD July 1, 2016 - February 28, 2017**



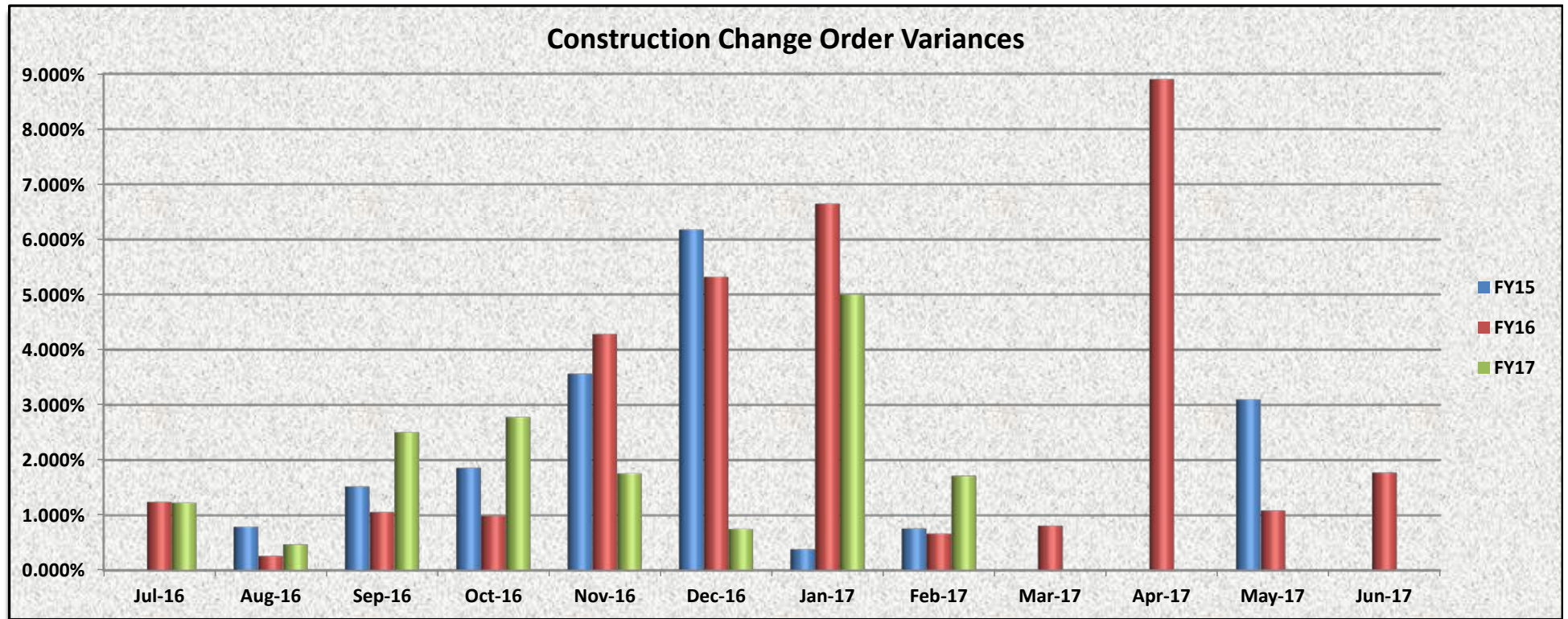
Goals for Construction & Professional Services MBE 15% - WBE 6%
Goals for Goods & Services (Purchasing) MBE 5% - WBE 3%

Prepared by: L. Moore 3.14.2017

FY15			
MONTH	TOTAL ORIGINAL AMOUNT	TOTAL CHANGE ORDER AMOUNT	VARIANCE
Jul-14	\$ -	\$ -	0.000%
Aug-14	\$ 21,879,391.91	\$ 173,051.97	0.791%
Sep-14	\$ 5,944,965.00	\$ 90,201.18	1.517%
Oct-14	\$ 8,447,257.96	\$ 156,897.30	1.857%
Nov-14	\$ 576,704.00	\$ 20,565.00	3.566%
Dec-14	\$ 1,886,530.51	\$ 116,550.25	6.178%
Jan-15	\$ 8,291,197.84	\$ 31,601.06	0.381%
Feb-15	\$ 19,345,124.19	\$ 146,495.95	0.757%
Mar-15	\$ -	\$ -	0.000%
Apr-15	\$ -	\$ -	0.000%
May-15	\$ 10,813,550.00	\$ 334,628.00	3.095%
Jun-15	\$ 38,532,000.00	\$ 6,217.88	0.016%
TOTAL	\$ 115,716,721.41	\$ 1,076,208.59	0.930%

FY16			
MONTH	TOTAL ORIGINAL AMOUNT	TOTAL CHANGE ORDER AMOUNT	VARIANCE
Jul-15	\$ 99,092,486.14	\$ 1,229,573.70	1.241%
Aug-15	\$ 38,538,217.88	\$ 101,142.17	0.262%
Sep-15	\$ 127,426,508.52	\$ 1,345,304.87	1.056%
Oct-15	\$ 60,444,554.35	\$ 595,535.39	0.985%
Nov-15	\$ 7,972,084.50	\$ 341,579.79	4.285%
Dec-15	\$ 14,667,622.49	\$ 780,243.77	5.319%
Jan-16	\$ 40,703,145.00	\$ 2,704,437.62	6.644%
Feb-16	\$ 44,036,056.00	\$ 294,389.39	0.669%
Mar-16	\$ 48,065,656.29	\$ 389,599.01	0.811%
Apr-16	\$ 5,508,508.29	\$ 4,896,288.88	8.901%
May-16	\$ 52,858,597.00	\$ 574,563.38	1.087%
Jun-16	\$ 41,164,087.00	\$ 729,328.00	1.772%
TOTAL	\$ 580,477,523.46	\$ 13,981,985.97	2.409%

FY17			
MONTH	TOTAL ORIGINAL AMOUNT	TOTAL CHANGE ORDER AMOUNT	VARIANCE
Jul-16	\$ 42,233,687.74	\$ 516,165.36	1.222%
Aug-16	\$ 7,353,070.00	\$ 34,718.35	0.472%
Sep-16	\$ 66,294,656.29	\$ 1,657,535.00	2.500%
Oct-16	\$ 18,256,061.00	\$ 506,907.97	2.777%
Nov-16	\$ 91,399,252.90	\$ 1,609,674.12	1.761%
Dec-16	\$ 12,346,311.00	\$ 92,758.33	0.751%
Jan-17	\$ 1,689,993.00	\$ 84,502.10	5.000%
Feb-17	\$ 23,900,782.00	\$ 409,702.74	1.714%
Mar-17			
Apr-17			
May-17			
Jun-17			
TOTAL	\$ 263,473,813.93	\$ 4,911,963.97	1.864%

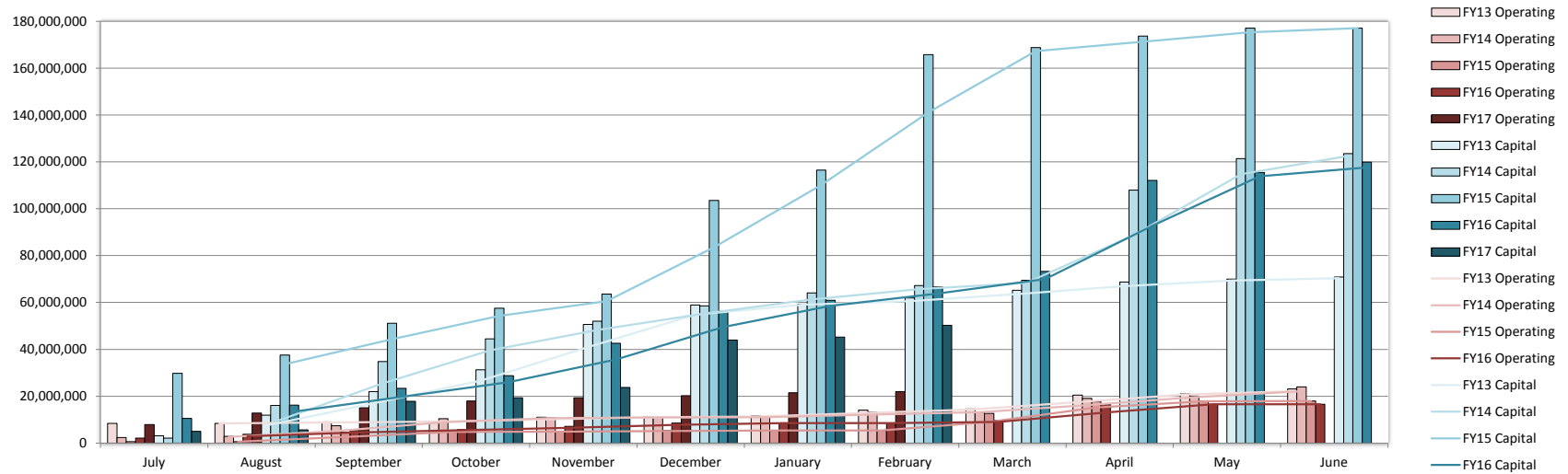


BOARD MEETING ACTIONS 02-27-17

<u>DESCRIPTION</u>	<u>DEPARTMENT</u>	<u>ACCOUNT</u>	<u>OPERATING</u>	<u>CAPITAL</u>
Various / Flood Response Buy-Out Projects	F17003 - Engineering / Development	52140 - Professional Services		\$3,000,000
Ronison Pipe Cleaning & Red Zone Robotics / System Tele-Inspection & Cleaning	H14124 / H14123 - Operations	52140 - Professional Services		\$1,345,447
HDR Engineers / Design for Floyds Fork Regional Pump Station	H17117 - Engineering	52140 - Professional Services		\$696,474
Sullivan Environmental Technology / Inventory Items	7320072 OD MF-General	53140 - Materials & Supplies	\$118,848	
Terex Services / Annual Inspection and Repairs of crane and hoist.	Various Departments	52160 - Maintenance & Repair	\$130,000	
Hydrite Chemical Company / Defoamer	Various Departments	53275 - Defoamer	\$90,750	
Leonard Brush & Chemicals / Janitorial Supplies	Various Departments	53140 - Materials & Supplies	\$100,000	
		FEBRUARY TOTALS	<u>\$439,598</u>	<u>\$5,041,921</u>
		Y-T-D TOTALS	<u>\$21,935,552</u>	<u>\$50,252,196</u>

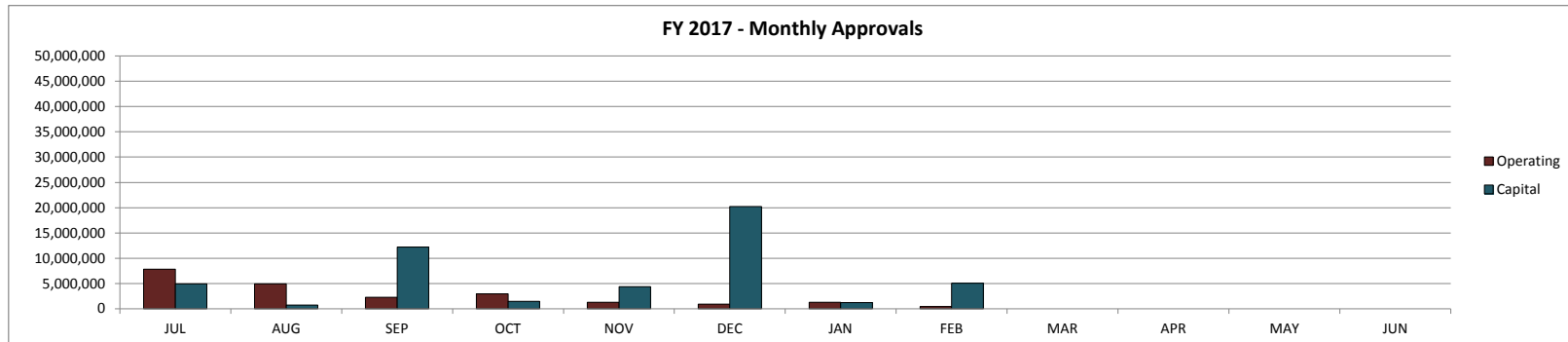
Prepared by: Patrick Meador

**Fiscal Years Comparison - YTD Approvals
FY 2013 through FY 2017**

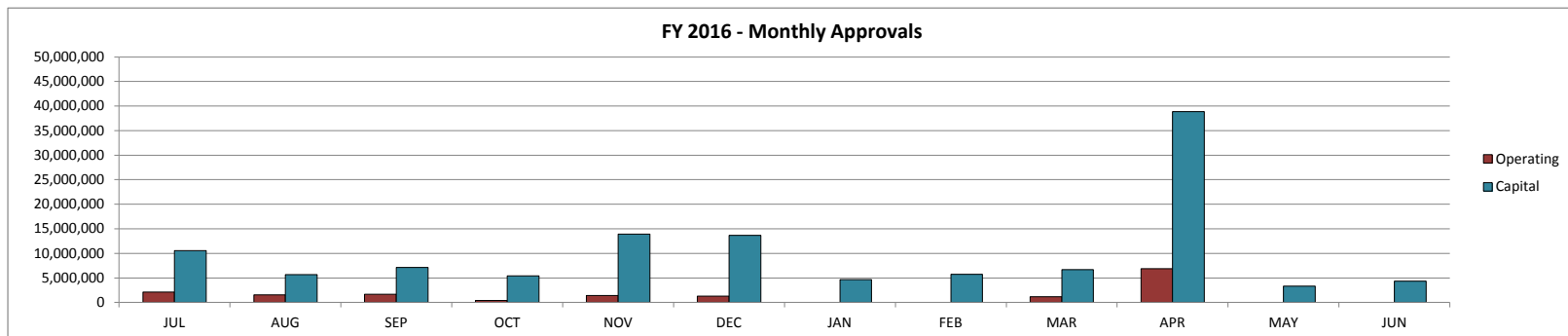


<u>2017</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>	<u>Percentage</u>
Operating	7,831,807	12,753,572	15,022,531	17,990,429	19,266,502	20,212,844	21,495,954	21,935,552	0	0	0	0	21,935,552	30%
Capital	4,939,806	5,666,257	17,864,223	19,351,195	23,713,557	43,954,358	45,210,275	50,252,196	0	0	0	0	50,252,196	70%
Total	<u>12,771,613</u>	<u>18,419,829</u>	<u>32,886,754</u>	<u>37,341,624</u>	<u>42,980,059</u>	<u>64,167,202</u>	<u>66,706,229</u>	<u>72,187,748</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>72,187,748</u>	<u>100%</u>

Prepared by: Patrick Meador

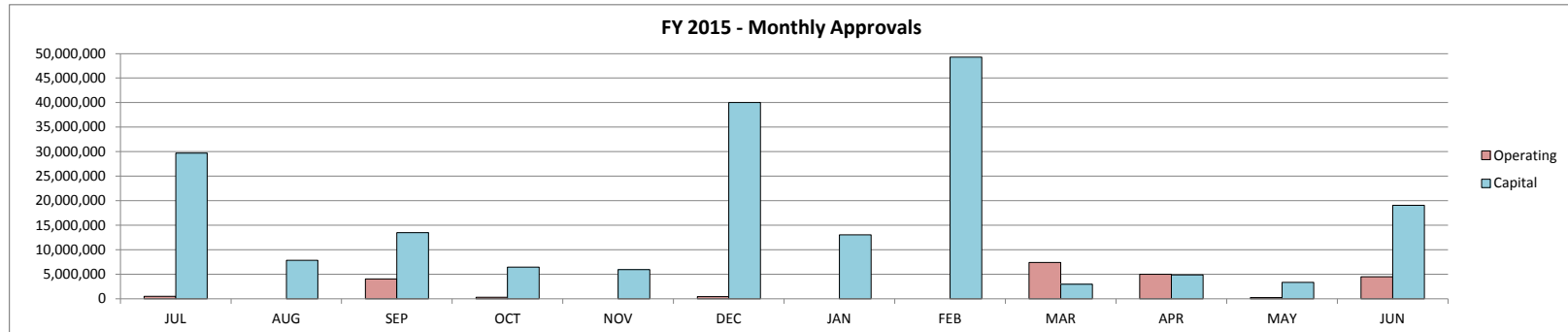


<u>2017</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>	<u>Percentage</u>
Operating	7,831,807	4,921,765	2,268,959	2,967,898	1,276,073	946,342	1,283,110	439,598	0	0	0	0	21,935,552	30%
Capital	4,939,806	726,451	12,197,966	1,486,972	4,362,362	20,240,801	1,255,917	5,041,921	0	0	0	0	50,252,196	70%
Total	12,771,613	5,648,216	14,466,925	4,454,870	5,638,435	21,187,143	2,539,027	5,481,519	0	0	0	0	72,187,748	100%

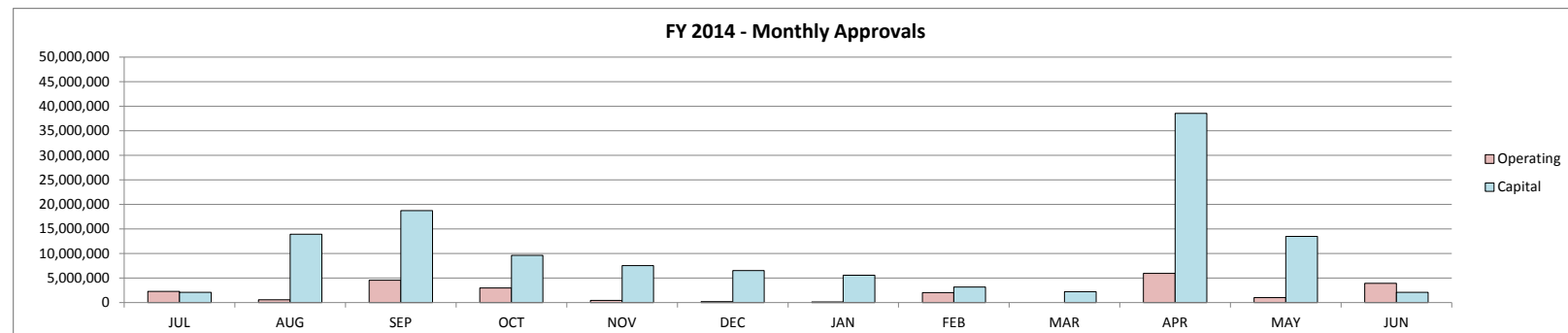


<u>2016</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>	<u>Percentage</u>
Operating	2,106,697	1,564,811	1,670,350	400,000	1,423,300	1,296,583	0	0	1,172,755	6,861,107	0	0	16,495,603	12%
Capital	10,546,131	5,648,074	7,102,873	5,391,209	13,917,934	13,671,522	4,630,083	5,736,777	6,672,460	38,850,000	3,336,465	4,367,515	119,871,042	88%
Total	12,652,828	7,212,885	8,773,223	5,791,209	15,341,234	14,968,105	4,630,083	5,736,777	7,845,215	45,711,107	3,336,465	4,367,515	136,366,646	100%

Prepared by: Patrick Meador



<u>2015</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>	<u>Percentage</u>
Operating	524,000	0	4,036,001	334,790	0	421,801	0	0	7,400,112	4,985,695	250,000	4,489,873	22,442,272	10%
Capital	29,727,349	7,848,025	13,500,248	6,486,602	5,971,443	40,010,700	13,026,599	49,272,656	2,987,256	4,904,876	3,354,890	19,043,463	196,134,107	90%
Total	30,251,349	7,848,025	17,536,249	6,821,392	5,971,443	40,432,501	13,026,599	49,272,656	10,387,368	9,890,571	3,604,890	23,533,336	218,576,379	100%



<u>2014</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>	<u>Percentage</u>
Operating	2,302,983	550,000	4,551,800	2,980,411	432,070	165,481	138,900	2,012,553	0	5,962,221	990,473	3,937,929	24,024,821	16%
Capital	2,113,288	13,943,361	18,736,868	9,631,679	7,536,570	6,546,055	5,581,419	3,163,120	2,201,305	38,532,000	13,480,504	2,076,865	123,543,034	84%
Total	4,416,271	14,493,361	23,288,668	12,612,090	7,968,640	6,711,536	5,720,319	5,175,673	2,201,305	44,494,221	14,470,977	6,014,794	147,567,855	100%

Prepared by: Patrick Meador

<u>Date Created</u>	<u>Vendor</u>	<u>Project Name</u>	<u>PO Amount</u>	<u>PO Amount</u> <u>Remaining Open</u>	<u>Completion</u> <u>Scheduled</u>	<u>Status</u>
11/20/2013	Pace Contracting	Grand Avenue Pump Station	\$11,933,878	\$2,000	12/16/2016	Construction Complete
6/9/2014	Hall Contracting of KY	Bells Ln Wet Weather Treatment Facility	\$41,984,420	\$7,402,058	7/24/2017	Under Construction
6/24/2014	Judy Construction Company	Fairmount PS & SSO Storage Basin	\$11,650,549	\$5,000	3/31/2016	Construction Complete
9/24/2014	Garney Companies	Logan CSO Interceptor	\$31,514,352	\$1,525,353	5/9/2017	Under Construction
1/20/2015	Fenton Rigging & Contracting	Floodgate 118 Gate & Actuator Replacement	\$863,500	\$86,350	7/13/2016	Under Construction
2/17/2015	Judy Construction Company	Nightingale PS & CSO Basin	\$33,314,856	\$8,411,098	4/28/2017	Under Construction
2/24/2015	Smith Contractors	Hite Creek Interim Hydraulic Improvements	\$9,116,001	\$239,430	2/28/2017	Under Construction
2/26/2015	Basham Construction	Blue Lick SS & Water Main Relocation	\$5,472,020	\$465,671	1/1/2017	Under Construction
3/20/2015	TSI Construction	Jtown Interceptor & WQTC Decommissioning	\$4,215,644	\$38,730	10/22/2016	Under Construction
3/23/2015	KLB Property Maintenance	Boarding/Mowing/Debris Pickup Maple St	\$19,500	\$9,560	12/31/2016	Under Construction
3/23/2015	Pace Contracting	Muddy Fork Interceptor SSO Basin	\$6,708,996	\$380,680	12/19/2016	Under Construction
3/31/2015	Walsh Construction	Logan CSO Basin	\$49,538,628	\$12,243,485	10/18/2017	Under Construction
8/10/2015	Dugan & Meyers Construction	DRG WQTC Sec Clarifiers 1-3 Mechanism Replace	\$1,774,495	\$341,846	5/21/2017	Under Construction
8/10/2015	MAC Construction	MFWQTC Wet Cake Pump Project	\$745,340	\$8,761	11/2/2016	Under Construction
8/11/2015	Thieneman Construction	MFWQTC Headworks Modifications	\$11,225,159	\$2,039,115	8/26/2017	Under Construction
8/14/2015	Dan Christiani Excavating Co	McNeely Lake WQTC Elimination	\$459,883	\$17,046	11/29/2015	Under Construction
9/21/2015	Pace Contracting	MFWQTC Generator Addition - FEPS	\$2,470,000	\$261,868	9/5/2016	Under Construction
11/11/2015	CE Power Solutions	MFWQTC High Yard Improvements	\$5,868,214	\$3,470,041	3/23/2017	Under Construction
11/17/2015	Flynn Brothers Contracting	CSO 190 Green Infrastructure	\$1,742,087	\$290,156	8/30/2016	Under Construction
12/9/2015	Link Electric Company	MFWQTC Centrifuge Electrical Controls Replace	\$904,628	\$274,872	2/15/2017	Under Construction
12/10/2015	Robinson Pipe Cleaning	FY16 Sewer Rehab	\$1,028,134	\$105,864	10/31/2016	Construction Complete
1/11/2016	Basham Construction	Quick Buy Flood Mitigation Demolition	\$286,056	\$71,314	9/30/2016	Under Construction
1/20/2016	Glenwood Electric	Beargrass Creek FPS Elec Imp & Vortex Supports	\$6,375,941	\$658,982	5/1/2017	Under Construction
1/21/2016	Thieneman Construction	MFWQTC Oxygen Generation & Supply Site	\$4,971,952	\$1,180,548	11/11/2017	Under Construction
1/28/2016	Thieneman Construction	MFWQTC Process Water Line Replacement	\$270,901	\$23,190	10/29/2016	Under Construction
1/29/2016	Pipe Eyes LLC	Butchertown Paver Maintenance	\$15,132	\$7,821	12/31/2016	Under Construction
2/4/2016	EZ Construction Co Inc	CCWQTC Influent PS Gate Repair& UV Gate Replace	\$482,135	\$285,489	11/3/2016	Under Construction
2/5/2016	TSI Construction	Camp Taylor Sanitary Sewer Replacement 1A	\$7,753,751	\$2,649,391	9/2/2017	Under Construction
2/16/2016	Allterrain Paving & Construction	6412 Duroc Avenue DIP	\$69,740	\$37,612	3/31/2016	Under Construction
3/29/2016	Allterrain Paving & Construction	Floyd @ Boxley Sewer Line Replacement	\$238,432	\$25,878	7/23/2016	Under Construction
5/26/2016	MAC Construction	Camp Taylor SSR 2A	\$7,791,000	\$6,341,030	8/28/2017	Under Construction
6/2/2016	Pace Contracting	4th St FPS Improvements	\$2,922,000	\$2,634,923	12/3/2017	Under Construction
6/2/2016	MAC Construction	Clifton Heights CSO Basin	\$23,620,538	\$19,580,100	8/30/2018	Under Construction
6/23/2016	Pace Contracting	Muddy Fork Force Main	\$317,000	\$15,945	1/19/2017	Under Construction
7/22/2016	B&R Contracting LLC	Onandaga Court DIP	\$17,500	\$17,500	8/12/2016	Awaiting Start
7/22/2016	Ulliman Schutte Construction	Design-Build Southwestern Pkwy CSO Basin	\$2,955,720	\$605,096	12/31/2018	Design Phase
7/29/2016	Basham Construction	Camp Taylor SSR Areas 2B & 4	\$7,470,000	\$5,771,328	8/28/2017	Under Construction
8/5/2016	Pace Contracting	MFWQTC Access Platforms	\$237,600	\$18,880	2/26/2017	Under Construction
8/15/2016	McVey Plumbing Co Inc	Goose Creek Plumbing Modifications	\$16,425	\$3,850	11/18/2016	Under Construction
8/18/2016	Triumph Landscape Construction	821 Gleam Drive DIP	\$64,940	\$1,385	11/16/2016	Construction Complete
8/22/2016	Thieneman Construction	RTC SOR1 In-Line Storage Facility	\$2,297,492	\$1,507,455	10/1/2017	Under Construction
9/9/2016	K Weihe Construction	Nancy Avenue DIP	\$9,750	\$9,750	9/23/2016	Awaiting Start
9/9/2016	K Weihe Construction	10409 Fox Avenue DIP	\$9,400	\$9,400	9/23/2016	Construction Complete

<u>Date Created</u>	<u>Vendor</u>	<u>Project Name</u>	<u>PO Amount</u>	<u>PO Amount</u> <u>Remaining Open</u>	<u>Completion</u> <u>Scheduled</u>	<u>Status</u>
9/9/2016	Robinson Pipe Cleaning	FY17 Sewer Rehab	\$940,197	\$655,706	6/30/2017	Under Construction
9/12/2016	Miller Pipeline	FY17 Sewer Rehab	\$1,021,716	\$850,078	6/30/2017	Under Construction
9/27/2016	Triumph Landscape Construction	Ethel Way Sidewalk & DIP	\$225,963	\$85,536	1/31/2017	Under Construction
10/7/2016	T E M Group	CMF Generator & Automatic Transfer Switch	\$118,910	\$15,189	4/8/2017	Under Construction
10/14/2016	Smith Contractors	Portland CSO Basin Interceptor	\$4,789,052	\$3,543,452	6/5/2017	Under Construction
10/19/2016	Allterrain Paving & Construction	7107 John Adams Way DIP	\$70,738	\$20,416	1/15/2017	Under Construction
10/25/2016	Flynn Brothers Contracting	South Pope Lick PS Renovations Phase 1	\$247,142	\$247,142	6/30/2017	Under Construction
11/8/2016	K Weihe Construction	Lyndon Lakes Place DIP	\$9,250	\$9,250	12/30/2016	Awaiting Start
11/8/2016	E-Z Construction Co Inc	CSO 190 Green Infrastructure Phase 2	\$3,492,118	\$2,859,998	8/15/2017	Under Construction
11/8/2016	Basham Construction	Transylvania Beach Flood Mitigation	\$134,172	\$96,673	3/8/2017	Under Construction
11/18/2016	B&R Contracting LLC	7719 Greenlawn Road DIP	\$19,000	\$19,000	1/13/2017	Awaiting Start
11/28/2016	B&R Contracting LLC	Apple Valley Section 6 Infrastructure Completion	\$9,500	\$9,500	1/27/2017	Awaiting Start
11/29/2016	Advanced Paving & Construction	Replacement Pumps for Phoenix Hill PS	\$62,800	\$6,280	1/3/2017	Construction Complete
12/5/2016	Dropseed Native Plant Nursery	FY17 Employment Ofc Rain Garden & Bioswale	\$4,908	\$3,123	6/30/2017	Under Construction
12/7/2016	K Weihe Construction	1723 Parkridge Parkway DIP	\$12,400	\$12,400	1/31/2017	Awaiting Start
12/9/2016	B&R Contracting LLC	6123 Dawn Drive DIP	\$9,900	\$9,900	1/20/2017	Awaiting Start
12/9/2016	EZ Construction Co Inc	Yorktown Pond Bank Repair	\$100,350	\$22,365	3/9/2017	Construction Complete
12/13/2016	Pace Contracting	FY17 Floodwall Closure Upgrades	\$306,900	\$297,054	8/31/2017	Under Construction
12/14/2016	K Weihe Construction	Coach Gate DIP	\$9,900	\$9,900	1/27/2017	Awaiting Start
12/19/2016	Thieneman Construction	Southwestern Gate Chamber Sluice Gate Repair	\$473,000	\$449,901	4/30/2017	Under Construction
12/20/2016	Allterrain Paving & Construction	1314 Tycoon Way DIP	\$180,408	\$180,408	4/30/2017	Awaiting Start
12/20/2016	Allterrain Paving & Construction	1480 Belmar Drive DIP	\$42,460	\$42,460	4/30/2017	Awaiting Start
12/21/2016	K Weihe Construction	10300 Hite Creek Lane DIP	\$17,900	\$17,900	2/17/2017	Awaiting Start
12/29/2016	Keith Nicholson Services	3610 Baymeadow Drive Paved Ditch Repair	\$19,800	\$19,800	2/24/2017	Awaiting Start
1/23/2017	Seven Seas Construction	5504 Timber Ridge Curb Replacement	\$6,394	\$6,394	2/17/2017	Awaiting Start
1/23/2017	Excel Excavating	Levee Toe Drain Access Structures	\$591,000	\$591,000	8/7/2017	Under Construction
1/24/2017	DD Midori Construction	2510 Grinstead Drive DIP	\$14,474	\$14,474	2/24/2017	Awaiting Start
1/24/2017	K Weihe Construction	Dove Lake Court Bank Repair	\$9,800	\$9,800	3/24/2017	Awaiting Start
1/25/2017	Temple & Temple Excavating	Floodgate 136 Actuator Replace & Gate 145	\$532,900	\$532,900	9/30/2017	Under Construction
1/25/2017	Advanced Electrical Systems	RTC SWOR2 Backup Generator	\$94,500	\$94,500	6/30/2017	Awaiting Start
1/25/2017	Merrick Construction Companies	Starkey PS Bridge Crane Roof Structure	\$89,847	\$24,172	5/31/2017	Construction Complete
1/26/2017	Basham Construction	Ashby Lane Bank Repair	\$62,900	\$62,900	4/30/2017	Awaiting Start
1/26/2017	DD Midori Construction	Chesapeake Bay DIP	\$59,000	\$59,000	4/30/2017	Awaiting Start
1/31/2017	Triumph Landscape Construction	Sunday Drive DIP	\$63,385	\$63,385	4/30/2017	Awaiting Start
2/2/2017	Pace Contracting	CMF Material Sorting Bldg & Vactor Pit	\$2,355,112	\$2,301,014	9/30/2017	Under Construction
2/6/2017	Allterrain Paving & Construction	7910 Sherry Lynn Court DIP	\$156,708	\$156,708	7/6/2017	Awaiting Start
2/6/2017	B&R Contracting LLC	3506 Deibel Way DIP	\$25,350	\$25,350	3/8/2017	Awaiting Start
2/22/2017	K Weihe Construction	2304 Running Brook Bank Repairs	\$4,800	\$4,800	3/17/2017	Awaiting Start
2/28/2017	Triumph Landscape Construction	Largo Court DIP	\$44,160	\$44,160	6/30/2017	Awaiting Start
2/28/2017	Triumph Landscape Construction	4700 Walnut Hills Drive Bank Repair	\$26,450	\$26,450	5/31/2017	Awaiting Start
2/28/2017	Triumph Landscape Construction	Valletta/Denham Road DIP	\$93,200	\$93,200	6/15/2017	Awaiting Start
Total			\$317,292,153	\$92,669,489		



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