

# FINANCIAL REPORT

January 2017



**METROPOLITAN SEWER DISTRICT**  
**MONTHLY FINANCIAL REPORT**  
**January 2017**

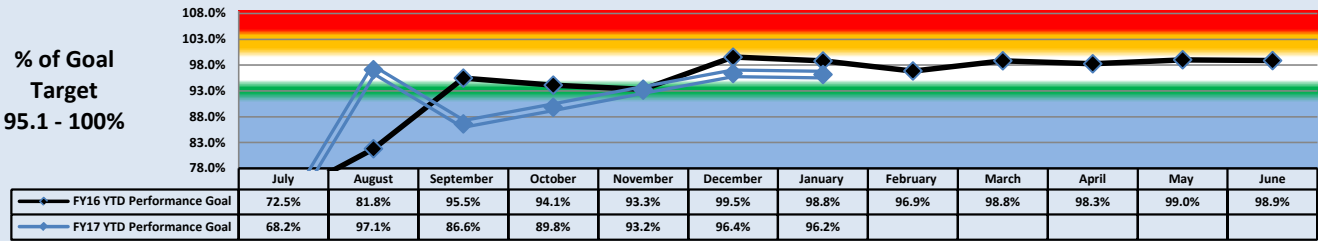
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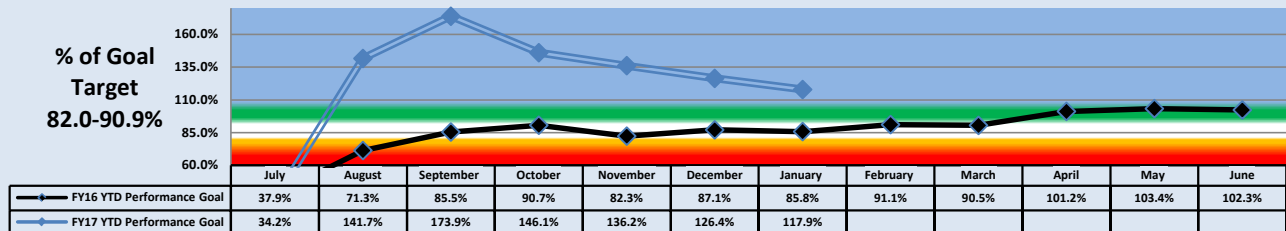
## Operational Expense

FY17 \$120,930,511



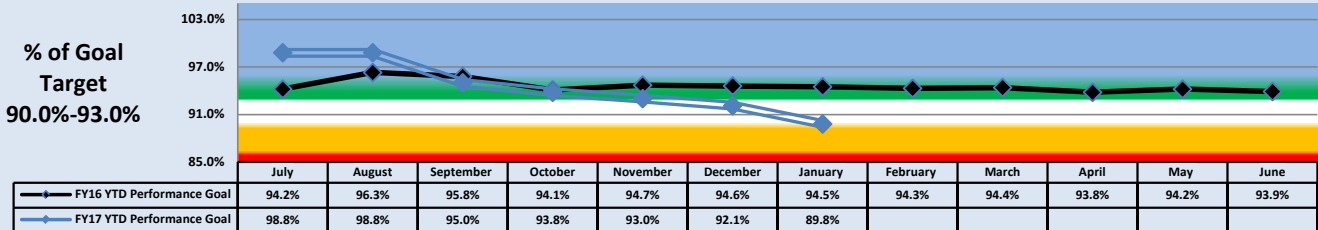
## Capital Expense

FY17 \$166,900,000



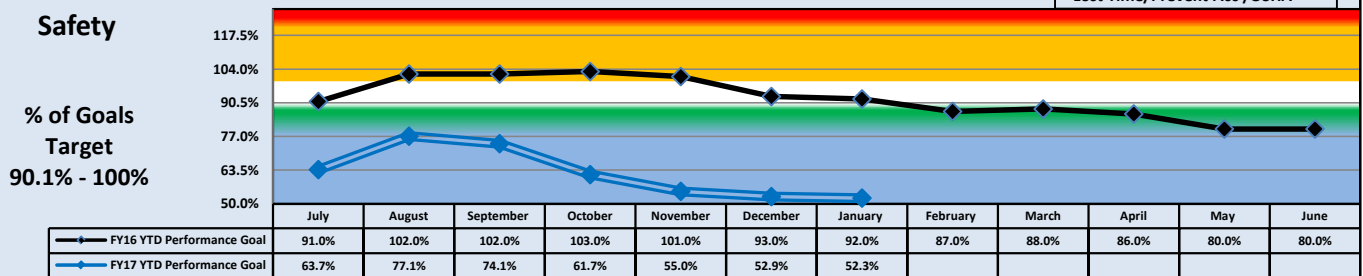
## Regulatory

Violation Free Months



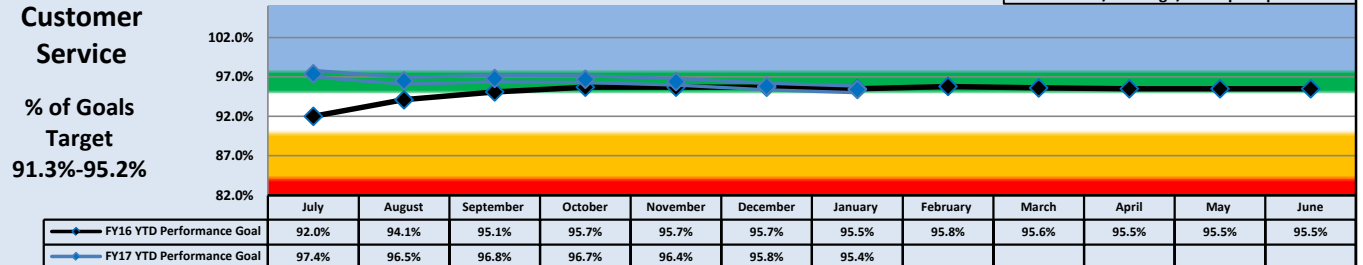
## Safety

Lost Time/Prevent Acc /OSHA



## Customer Service

Service/Drainage/Backup Requests



METROPOLITAN SEWER DISTRICT  
FINANCIAL OVERVIEW  
JANUARY 31, 2017

**REVENUES:**

Revenue (thousands)	YTD FY 2017	YTD FY 2016	Variance	% Change	FYTD 2017 Budget	FY 2017 Budget Var	%
Wastewater	117,237	107,485	9,752	9.07%	113,011	4,226	3.74%
Stormwater	34,286	31,171	3,115	9.99%	34,610	(324)	(0.94%)
Other	2,259	2,383	(124)	(5.20%)	2,333	(74)	(3.17%)
<b>Total Operating Revenue</b>	<b>\$ 153,782</b>	<b>\$ 141,039</b>	<b>\$ 12,743</b>	<b>9.04%</b>	<b>\$ 149,954</b>	<b>\$ 3,828</b>	<b>2.55%</b>

Year to date Total Operating Revenue is \$153.7 million compared to \$141 million for the same period last year, an increase of \$12.7 million or 9%. Total Operating Revenue is up \$3.8 million or 2.5% to budget.

- Wastewater Service Charges total \$117.2 million year to date. This is an increase of \$9.7 million or 9% from last year and is \$4.2 million or 3.7% higher than budget. The year to date increase over fiscal year 2016 is attributable to the August rate increase of 6.9%
- Stormwater Service Charges are \$34.2 million for the year, an increase of \$3.1 million or 9.9% from last year and are \$0.3 million or 0.9% lower than budget. The year to date increase over fiscal year 2016 is attributable to the August rate increase of 6.9%
- Other Income totals \$2.2 million year to date. This is a decrease of \$0.1 million or 5.2% from last year and is \$0.07 million or 3.1% less 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.

**OPERATING EXPENSES:**

Expenses (thousands)	YTD FY 2017	YTD FY 2016	Variance	% Change	FYTD 2017 Budget	FY 2017 Budget Var	%
Service & Admin Costs	49,136	54,354	(5,217)	(9.60%)	52,909	(3,773)	(7.13%)
Depreciation	44,695	35,917	8,777	24.44%	44,042	653	1.48%
<b>Total Operating Expenses</b>	<b>\$ 93,831</b>	<b>\$ 90,271</b>	<b>3,560</b>	<b>3.94%</b>	<b>\$ 96,951</b>	<b>\$ (3,120)</b>	<b>(3.22%)</b>

Service & Administrative Costs are \$49.1 million year to date. This is \$5.2 million or 9.6% less than the same period last year and \$3.7 million or 7.1% less than budget. Service & Administrative savings are being driven by the following items:

- Utility expenses are \$3 million lower than last year. Last year's utility expenses were high in part due to an accrual that was erroneously omitted from fiscal year 2015.
- Bad debt expense is \$4 million lower than last year. Last year's financial had \$4 million in Assessment Bad Debt which was later re-classed to Deferred Assessments.
- Materials and Supplies is \$1 million lower than last year. We received \$1,000,000 in insurance proceeds from the Morris Forman flood in December. These proceeds were used to offset Materials & Supplies expense.

Liquid Oxygen expense is \$0.8 million above budget. This is being driven by the need to purchase liquid oxygen at Morris Forman until the oxygen generators are back online.

Depreciation expense totals \$43.9 million year to date. This is an increase of \$8.7 million or 25% from a year ago and \$0.6 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 \$93.8 million which is 3.9% or \$3.5 million more than the same period last year and 3.2% or \$3.1 million less than budget.

#### NET INCOME:

Net Income (thousands)	YTD FY 2017	YTD FY 2016	Variance	% Change	FYTD 2017 Budget	FY 2017 Budget Var	%
<b>Net Operating Income</b>	<b>59,951</b>	<b>50,768</b>	<b>9,183</b>	<b>18.09%</b>	<b>53,003</b>	<b>6,948</b>	<b>13.11%</b>
Investment Income	8,225	10,497	(2,272)	(21.64%)	10,213	(1,988)	(19.47%)
Interest Expense	(43,728)	(43,471)	(256)	(0.59%)	(45,617)	1,889	4.14%
Other Non-operating	2,419	-	2,419	0.00%	-	2,419	
<b>Net Income before Swaps</b>	<b>26,868</b>	<b>17,794</b>	<b>9,074</b>	<b>51.00%</b>	<b>17,600</b>	<b>9,268</b>	<b>52.66%</b>
Change in Fair Value/Swap	25,325	(14,680)	40,005	272.52%	-	25,325	
<b>Total Net Income</b>	<b>\$ 52,193</b>	<b>\$ 3,114</b>	<b>\$ 49,079</b>	<b>1576.19%</b>	<b>\$ 17,600</b>	<b>\$ 34,593</b>	<b>196.56%</b>

Year to date Net Operating Income is \$59.9 million compared to \$50.7 million for the same period last year, an increase of 9.1 million or 18% and is \$6.9 million or 13.1% more than the year to date budget.

Year to date Investment Income is \$8.2 million compared to \$10.4 million for the same period last year, a decrease of \$2.2 million or 21.6% and is \$1.9 million or 19.4% 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 \$0.2 million or 0.5% less than last year and \$1.8 million or 4.1% less than budget.

Year to date Net Income before Swaps totaled \$26.8 million compared to \$17.7 million for the same period last year, an increase of \$9 million or 51% and is \$9.2 million or 52.6% higher than budget.

Year to date Net Income/(Loss) including the mark to market change on swaps totaled \$52.1 million. This is \$49 million or 1,576.1% more than the same period last year and \$34.5 million or 196.5% more than budget. The mark to market change on swaps has steadily improved over the last 6 months as interest rates have increased.

Submitted by: Brad Good  
February 10, 2017

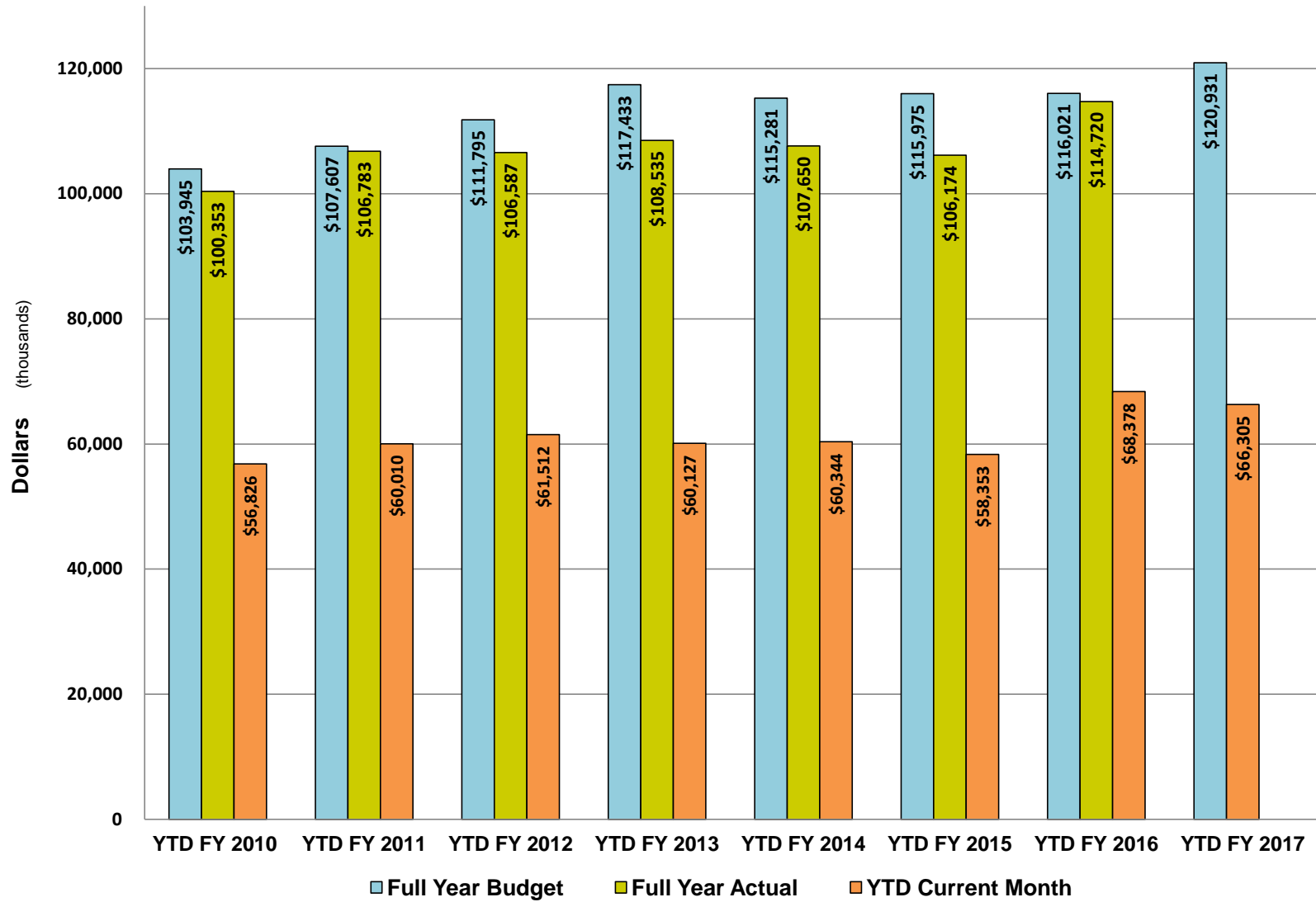
STATEMENT OF CHANGES IN NET POSITION, JANUARY 31, 2017

MTD January 2017	MTD January 2016	Variance	Percent		YTD January 2017	YTD January 2016	Variance	Percent
9,763,267.62	7,214,862.67	2,548,404.95	35.32%	Sewer Charges				
6,079,916.47	4,618,900.41	1,461,016.06	31.63%	Residential	63,920,458.31	58,194,221.37	5,726,236.94	9.84%
1,624,227.71	1,299,642.47	324,585.24	24.97%	Commercial	38,026,798.41	35,437,494.74	2,589,303.67	7.31%
566,625.60	394,245.19	172,380.41	43.72%	Industrial	13,106,348.51	11,332,984.31	1,773,364.20	15.65%
(230,492.71)	(156,494.28)	(73,998.43)	47.29%	Other	4,934,829.16	5,635,490.66	(700,661.50)	-12.43%
17,803,544.69	13,371,156.46	4,432,388.23	33.15%	Free Sewer Charges	(2,751,319.52)	(3,115,317.06)	363,997.54	-11.68%
				<b>Total Sewer Charges</b>	<b>117,237,114.87</b>	<b>107,484,874.02</b>	<b>9,752,240.85</b>	<b>9.07%</b>
5,280,291.67	3,970,717.68	1,309,573.99	32.98%	Drainage Charges	34,285,821.97	31,170,869.02	3,114,952.95	9.99%
23,083,836.36	17,341,874.14	5,741,962.22	33.11%	<b>Total Service Charges</b>	<b>151,522,936.84</b>	<b>138,655,743.04</b>	<b>12,867,193.80</b>	<b>9.28%</b>
513,757.01	362,198.56	151,558.45	41.84%	Other Operating Income	2,259,293.10	2,383,317.52	(124,024.42)	-5.20%
<b>23,597,593.37</b>	<b>17,704,072.70</b>	<b>5,893,520.67</b>	<b>33.3%</b>	<b>Total Operating Revenue</b>	<b>153,782,229.94</b>	<b>141,039,060.56</b>	<b>12,743,169.38</b>	<b>9.0%</b>
				<b>Operating Expenses</b>				
3,586,228.35	3,289,104.33	297,124.02	9.03%	Salaries & Wages	23,945,566.25	23,413,768.19	531,798.06	2.27%
1,665,432.83	1,717,264.92	(51,832.09)	-3.02%	Labor Related Overhead	9,457,808.75	9,264,457.01	193,351.74	2.09%
1,174,556.96	1,670,893.58	(496,336.62)	-29.70%	Utilities	8,006,049.70	11,049,183.00	(3,043,133.30)	-27.54%
979,817.91	630,525.75	349,292.16	55.40%	Materials & Supplies	3,844,717.16	4,678,183.51	(833,466.35)	-17.82%
(92,470.49)	2,545,524.03	(2,637,994.52)	-103.63%	Contractual Services	13,580,299.74	14,580,176.73	(999,876.99)	-6.86%
219,391.59	395,788.40	(176,396.81)	-44.57%	Chemicals	3,312,167.85	2,326,677.04	985,490.81	42.36%
3,906.51	135,879.96	(131,973.45)	-97.13%	Fuel	614,418.14	911,799.33	(297,381.19)	-32.61%
293,213.29	100,961.77	192,251.52	190.42%	Insurance Premiums & Claims	952,253.23	958,881.87	(6,628.64)	-0.69%
421,773.33	2,206,930.58	(1,785,157.25)	-80.89%	Bad Debt	1,977,528.49	6,051,911.94	(4,074,383.45)	-67.32%
111,600.08	79,891.11	31,708.97	39.69%	Other Operating Expense	614,157.72	638,046.11	(23,888.39)	-3.74%
(2,209,742.05)	(3,108,253.04)	898,510.99	-28.91%	Mapping/Insurance Recovery	-	(1,018,097.00)	1,018,097.00	-
-	-	-	-	Capitalized Overhead	(17,168,900.83)	(18,501,455.42)	1,332,554.59	-7.20%
6,153,708.31	9,664,511.39	(3,510,803.08)	-36.33%	Capital Expenses (over)/under applied	-	-	-	-
				<b>Total Service and Administrative Costs</b>	<b>49,136,066.20</b>	<b>54,353,532.31</b>	<b>(5,217,466.11)</b>	<b>-9.60%</b>
6,231,244.38	5,026,363.39	1,204,880.99	23.97%	Depreciation	43,948,875.16	35,160,427.40	8,788,447.76	25.00%
109,649.59	104,697.12	4,952.47	4.73%	Amortization	745,840.97	756,919.84	(11,078.87)	-1.46%
6,340,893.97	5,131,060.51	1,209,833.46	23.58%	<b>Total Depreciation/Amortization</b>	<b>44,694,716.13</b>	<b>35,917,347.24</b>	<b>8,777,368.89</b>	<b>24.44%</b>
<b>12,494,602.28</b>	<b>14,795,571.90</b>	<b>(2,300,969.62)</b>	<b>-15.6%</b>	<b>Total Operating Expenses</b>	<b>93,830,782.33</b>	<b>90,270,879.55</b>	<b>3,559,902.78</b>	<b>3.9%</b>
<b>11,102,991.09</b>	<b>2,908,500.80</b>	<b>8,194,490.29</b>	<b>281.7%</b>	<b>Net Operating Income</b>	<b>59,951,447.61</b>	<b>50,768,181.01</b>	<b>9,183,266.60</b>	<b>18.1%</b>
				<b>Non-Operating Revenue (Expenses)</b>				
-	-	-	-	Gain/Loss Disposal of Assets	10,000.00	-	10,000.00	-
2,007,576.62	2,106,258.92	(98,682.30)	-4.69%	Investment Income	8,214,931.45	10,496,605.17	(2,281,673.72)	-21.74%
(6,550,680.63)	(6,128,286.81)	(422,393.82)	6.89%	Interest Expense	(43,727,559.23)	(43,471,255.97)	(256,303.26)	0.59%
<b>(4,543,104.01)</b>	<b>(4,022,027.89)</b>	<b>(521,076.12)</b>	<b>13.0%</b>	<b>Total Non-Operating Revenue (Expenses)</b>	<b>(35,502,627.78)</b>	<b>(32,974,650.80)</b>	<b>(2,527,976.98)</b>	<b>7.7%</b>
-	-	-	-	<b>Contributions</b>	<b>2,418,697.00</b>	<b>-</b>	<b>2,418,697.00</b>	<b>-</b>
<b>6,559,887.08</b>	<b>(1,113,527.09)</b>	<b>7,673,414.17</b>	<b>-689.1%</b>	<b>Change in Net Position before change in Swaps</b>	<b>26,867,516.83</b>	<b>17,793,530.21</b>	<b>9,073,986.62</b>	<b>51.0%</b>
349,891.02	(9,017,625.85)	9,367,516.87	-103.88%	Change in Fair Value of Swaps	25,325,437.39	(14,679,749.24)	40,005,186.63	-272.52%
<b>6,909,778.10</b>	<b>(10,131,152.94)</b>	<b>17,040,931.04</b>	<b>-168.2%</b>	<b>Change in Net Position after change in Swaps</b>	<b>52,192,954.22</b>	<b>3,113,780.97</b>	<b>49,079,173.25</b>	<b>1576.2%</b>

## STATEMENT OF NET POSITION, JANUARY 31, 2017

	YTD January	YTD June 2016	Variance	Percent
<b>Current Assets</b>				
Unrestricted Cash & Cash Equivalents	70,469,641.11	69,781,021.66	688,619.45	0.99%
Sewer & Drainage Receivable	20,955,202.23	17,803,632.37	3,151,569.86	17.70%
Assessment Warrants Receivable	469,787.41	880,926.36	(411,138.95)	-46.67%
Miscellaneous Receivables	5,975,243.36	7,869,206.38	(1,893,963.02)	-24.07%
Inventories	4,177,694.68	4,210,049.05	(32,354.37)	-0.77%
Prepaid Expenses	1,815,525.29	1,790,867.76	24,657.53	1.38%
Restricted Funds	239,237,526.12	169,825,007.59	69,412,518.53	40.87%
Accrued Interest Receivable	1,193,227.98	1,193,227.98	-	0.00%
<b>Total Current Assets</b>	<b>344,293,848.18</b>	<b>273,353,939.15</b>	<b>70,939,909.03</b>	<b>25.95%</b>
<b>Non-Current Assets</b>				
Utility Plant in Service	3,194,243,056.74	3,155,695,912.16	38,547,144.58	1.22%
Accumulated Depreciation	(1,114,095,104.67)	(1,070,108,119.48)	(43,986,985.19)	4.11%
Construction in Progress	575,047,815.75	487,674,069.17	87,373,746.58	17.92%
<b>Net Fixed Assets</b>	<b>2,655,195,767.82</b>	<b>2,573,261,861.85</b>	<b>81,933,905.97</b>	<b>3.18%</b>
<b>Non-Current Receivables</b>	<b>32,312,854.67</b>	<b>29,456,444.66</b>	<b>2,856,410.01</b>	<b>9.70%</b>
<b>Total Assets</b>	<b>3,031,802,470.67</b>	<b>2,876,072,245.66</b>	<b>155,730,225.01</b>	<b>5.41%</b>
<b>Total Deferred Outflow of Resources</b>	<b>32,256,341.17</b>	<b>23,707,870.26</b>	<b>8,548,470.91</b>	<b>36.06%</b>
<b>Total Assets &amp; Deferred Outflow of Resources</b>	<b>3,064,058,811.84</b>	<b>2,899,780,115.92</b>	<b>164,278,695.92</b>	<b>5.67%</b>
<b>Current Liabilities</b>				
Miscellaneous Accounts Payable	7,126,801.78	11,114,898.55	(3,988,096.77)	-35.88%
Accounts Payable - Construction	2,238,429.61	19,021,259.64	(16,782,830.03)	-88.23%
Contract Retainage	16,468,834.24	14,249,364.70	2,219,469.54	15.58%
Accrued Interest Payable	20,024,266.29	17,532,813.96	2,491,452.33	14.21%
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	3,089,121.60	2,557,425.87	531,695.73	20.79%
Accrued Salaries & Wages	1,581,818.23	2,750,705.13	(1,168,886.90)	-42.49%
Accrued Workers' Comp Insurance	1,307,381.18	1,270,001.46	37,379.72	2.94%
Employee Comp Absences Payable	2,539,334.51	2,284,835.53	254,498.98	11.14%
<b>Total Current Liabilities</b>	<b>314,783,821.71</b>	<b>331,018,119.80</b>	<b>(16,234,298.09)</b>	<b>-4.90%</b>
<b>Non-Current Liabilities</b>				
Long-Term Debt Payable	1,865,260,000.00	1,722,745,000.00	142,515,000.00	8.27%
Other Long-Term Liability	148,456,521.50	136,805,025.36	11,651,496.14	8.52%
<b>Total Non-Current Liabilities</b>	<b>2,013,716,521.50</b>	<b>1,859,550,025.36</b>	<b>154,166,496.14</b>	<b>8.29%</b>
<b>Total Liabilities</b>	<b>2,328,500,343.21</b>	<b>2,190,568,145.16</b>	<b>137,932,198.05</b>	<b>6.30%</b>
<b>Total Deferred Inflow of Resources</b>	<b>82,786,433.40</b>	<b>108,632,889.75</b>	<b>(25,846,456.35)</b>	<b>-23.79%</b>
<b>Total Liabilities &amp; Deferred Inflow of Resources</b>	<b>2,411,286,776.61</b>	<b>2,299,201,034.91</b>	<b>112,085,741.70</b>	<b>4.87%</b>
<b>Net Position</b>	<b>652,772,035.23</b>	<b>600,579,081.01</b>	<b>52,192,954.22</b>	<b>8.69%</b>

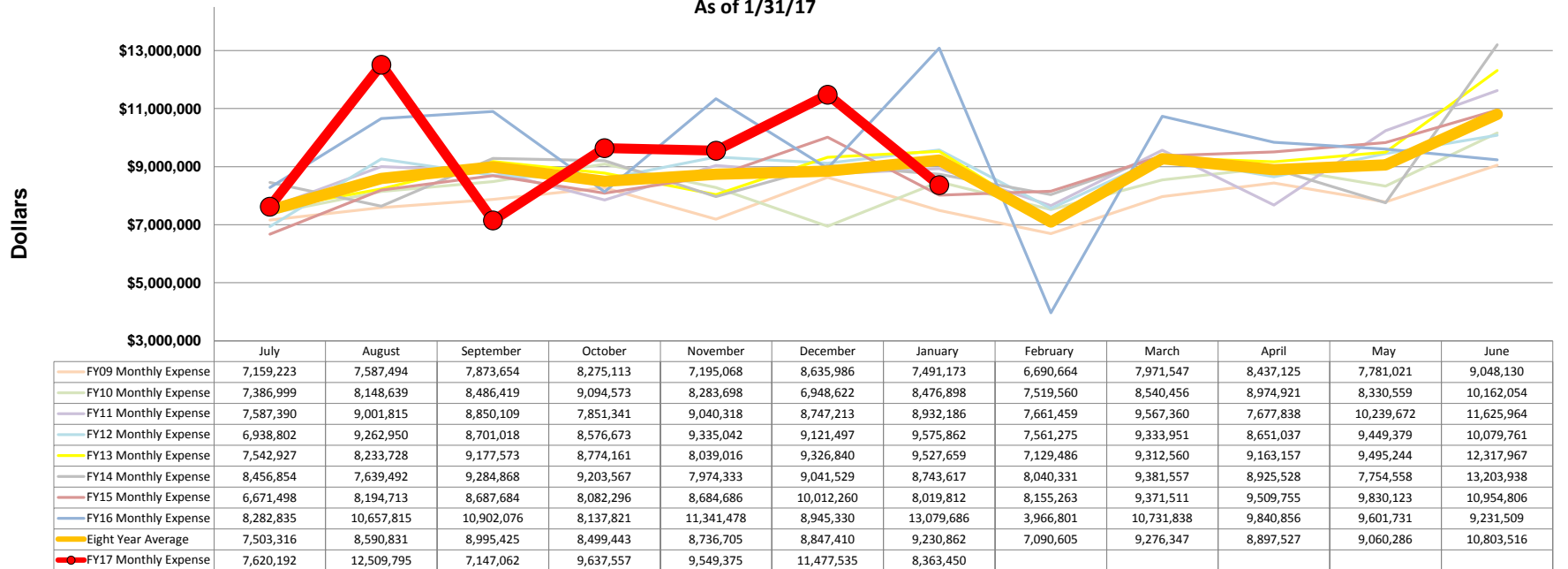
FY 2017  
MSD Operating Budget Performance  
as of 1/31/17



Prepared by : Patrick Meador



**MSD**  
**FY 2017 Monthly Operating Performance**  
**Actual Results versus Eight Year Average**  
**As of 1/31/17**



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 1/31/17

<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	23,022,668	23,945,566	23,415,844	922,898	529,722
Labor Related Overhead	10,688,248	9,457,809	9,264,457	(1,230,439)	193,352
Utilities	8,452,971	8,006,050	11,049,183	(446,921)	(3,043,133)
Materials & Supplies	5,013,827	4,818,155	4,177,352	(195,672)	640,803
Contractual Services	14,879,727	12,606,563	14,161,378	(2,273,164)	(1,554,815)
Chemicals	2,342,271	3,179,826	2,326,637	837,555	853,189
Fuel	793,822	614,829	720,231	(178,993)	(105,402)
Insurance Premiums & Claims	1,136,476	952,253	958,882	(184,223)	(6,629)
Bad Debt	1,166,662	1,977,528	1,575,182	810,866	402,346
Other Operating Expense	1,438,980	606,336	612,413	(832,644)	(6,077)
System Roll-up Variance	0	140,052	116,697	140,052	23,355
<b>TOTAL</b>	<b>68,935,652</b>	<b>66,304,967</b>	<b>68,378,257</b>	<b>(2,630,685)</b>	<b>(2,073,290)</b>

<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	5,896,296	5,172,710	4,386,376	(723,586)	786,334
Executive	(1,317,477)	1,133,250	2,653,928	2,450,727	(1,520,678)
Finance	6,821,893	7,416,145	6,541,896	594,252	874,249
Human Resources	4,063,486	3,434,364	4,021,301	(629,122)	(586,937)
Information Technology	6,063,097	5,139,995	4,702,368	(923,102)	437,627
Legal Services	2,598,209	894,356	883,498	(1,703,853)	10,858
<b>OPERATIONS GROUP</b>	<b>44,810,148</b>	<b>42,974,095</b>	<b>45,072,195</b>	<b>(1,836,053)</b>	<b>(2,098,100)</b>
System Roll-up Variance	0	140,052	116,697	140,052	23,355
<b>TOTAL</b>	<b>68,935,652</b>	<b>66,304,967</b>	<b>68,378,257</b>	<b>(2,630,685)</b>	<b>(2,073,290)</b>

<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)	13,588,750	10,486,172	9,693,195	(3,102,578)	792,977
DRAINAGE & FP - (I&FP)	8,648,479	8,272,682	10,989,424	(375,797)	(2,716,742)
PERFORMANCE	(2,871,713)	547,834	580,870	3,419,547	(33,036)
SUPPORT - (Phy Assets)	5,531,154	4,456,596	3,258,263	(1,074,558)	1,198,333
TREATMENT - (MFWTP)	19,913,478	19,210,810	20,550,442	(702,668)	(1,339,632)
<b>Operations Group Total</b>	<b>44,810,148</b>	<b>42,974,095</b>	<b>45,072,195</b>	<b>(1,836,053)</b>	<b>(2,098,100)</b>

Prepared by: Patrick Meador

Detail of MSD Operating Expense  
as of 1/31/17

	<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	3,985,119	3,497,941	(2,058,574)	707,376	1,178,604	1,073,538	1,073,007	1,009,625
Labor Related Overhead	1,507,392	1,197,164	347,410	380,239	441,721	327,275	1,398,677	1,002,576
Utilities	0	560	1,050	0	0	132	237,115	213,072
Materials & Supplies	98,462	125,184	67,631	212,684	51,739	52,742	145,032	132,680
Contractual Services	233,331	296,655	(105,216)	(330,881)	3,232,974	3,295,632	1,116,487	1,021,397
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	665,471	661,288	0	0
Bad Debt	0	0	0	0	1,166,662	1,977,528	0	0
Other Operating Expense	71,992	55,206	430,222	163,831	84,722	28,010	93,168	55,015
Settlement Accounts	0	0	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0	0	0
<b>Total</b>	<b>5,896,296</b>	<b>5,172,710</b>	<b>(1,317,477)</b>	<b>1,133,250</b>	<b>6,821,893</b>	<b>7,416,145</b>	<b>4,063,486</b>	<b>3,434,364</b>

	<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	1,551,808	1,464,798	565,601	465,530	16,727,103	15,726,758	23,022,668	23,945,566
Labor Related Overhead	572,558	488,839	185,780	134,365	6,234,710	5,927,350	10,688,248	9,457,809
Utilities	723,562	422,413	0	0	7,491,244	7,369,873	8,452,971	8,006,050
Materials & Supplies	675,061	601,665	18,099	2,120	3,957,803	3,691,081	5,013,827	4,818,155
Contractual Services	2,388,670	2,128,960	1,567,965	183,657	6,445,516	6,011,144	14,879,727	12,606,563
Chemicals	0	0	0	0	2,342,271	3,179,826	2,342,271	3,179,826
Fuel	0	0	0	0	793,822	614,829	793,822	614,829
Insurance Premiums & Claims	0	0	191,005	63,308	280,000	227,657	1,136,476	952,253
Bad Debt	0	0	0	0	0	0	1,166,662	1,977,528
Other Operating Expense	151,438	33,320	69,759	45,376	537,679	225,577	1,438,980	606,336
Settlement Accounts	0	0	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0	0	140,052
<b>Total</b>	<b>6,063,097</b>	<b>5,139,995</b>	<b>2,598,209</b>	<b>894,356</b>	<b>44,810,148</b>	<b>42,974,095</b>	<b>68,935,652</b>	<b>66,304,967</b>

Prepared by: Patrick Meador

Detail of MSD Operating Expense  
as of 1/31/17

	<u>COLLECTIONS</u>		<u>DRAINAGE &amp; 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	5,672,073	5,532,559	3,271,803	2,528,222	571,222	394,241
Labor Related Overhead	2,118,098	1,994,773	1,304,157	1,194,678	217,735	149,441
Utilities	1,490,713	6,054	1,374,050	2,089,821	(96,835)	0
Materials & Supplies	1,005,567	861,109	630,717	923,546	(435,950)	1,479
Contractual Services	2,423,430	1,402,367	2,028,207	1,504,050	(2,888,995)	2,409
Chemicals	452,045	446,982	0	226	(163,335)	0
Fuel	14,000	5,345	2,000	0	0	0
Insurance Premiums & Claims	280,000	222,008	0	5,649	0	0
Bad Debt	0	0	0	0	0	0
Other Operating Expense	132,824	14,974	37,545	26,490	(75,555)	263
Settlement Accounts	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0
<b>Total</b>	<b>13,588,750</b>	<b>10,486,172</b>	<b>8,648,479</b>	<b>8,272,682</b>	<b>(2,871,713)</b>	<b>547,834</b>

	<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	1,956,972	1,923,644	5,255,033	5,348,092	16,727,103	15,726,758
Labor Related Overhead	740,433	700,067	1,854,287	1,888,391	6,234,710	5,927,350
Utilities	0	8,045	4,723,316	5,265,952	7,491,244	7,369,873
Materials & Supplies	808,417	423,009	1,949,052	1,481,939	3,957,803	3,691,081
Contractual Services	1,010,296	688,895	3,872,578	2,413,422	6,445,516	6,011,143
Chemicals	0	0	2,053,561	2,732,617	2,342,271	3,179,826
Fuel	764,161	603,678	13,661	5,805	793,822	614,829
Insurance Premiums & Claims	0	0	38,750	0	318,750	227,657
Bad Debt	0	0	0	0	0	0
Other Operating Expense	250,875	109,259	153,240	74,591	498,929	225,577
Settlement Accounts	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0
<b>Total</b>	<b>5,531,154</b>	<b>4,456,596</b>	<b>19,913,478</b>	<b>19,210,810</b>	<b>44,810,148</b>	<b>42,974,095</b>

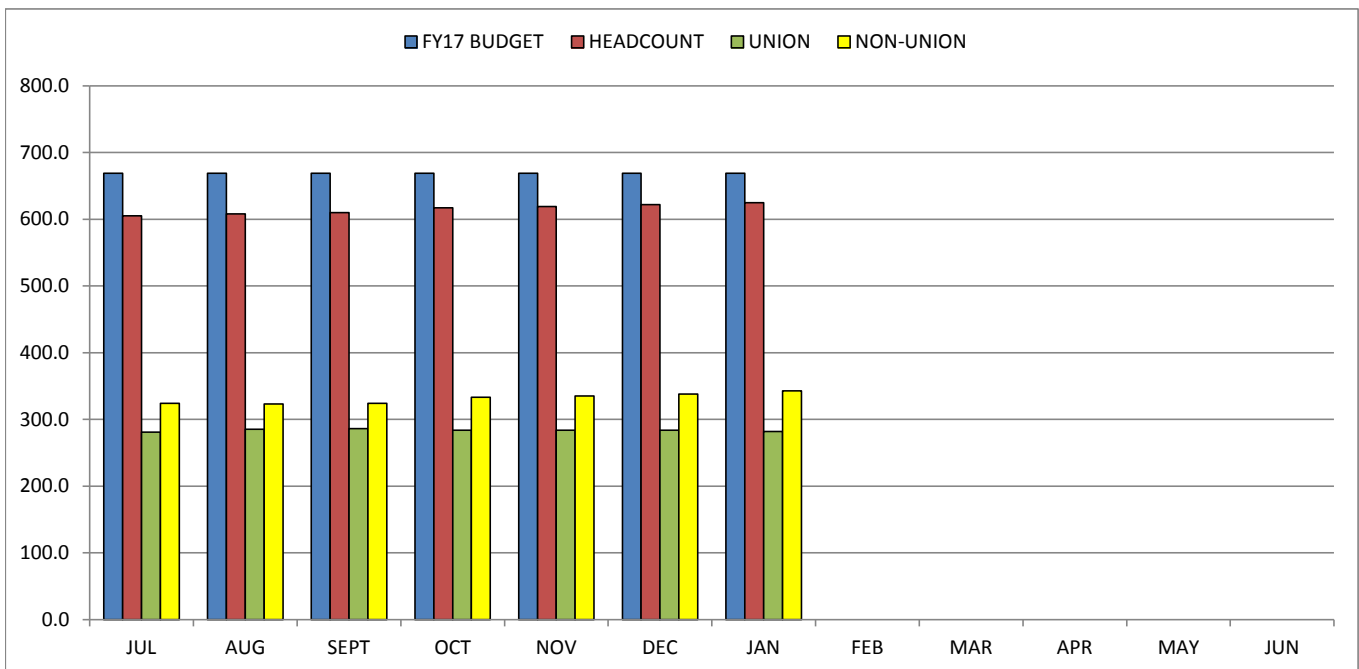
Prepared by: Patrick Meador

**FY 2017**  
**MSD STAFFING**  
**January**

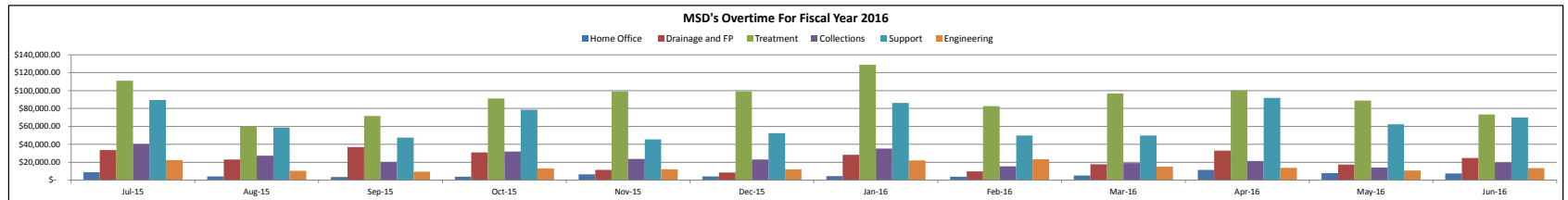
	<u>UNION</u>	<u>NON-UNION</u>	<u>HEADCOUNT</u>	<u>FY17 BUDGET</u>
ENGINEERING	0.0	84.0	84.0	97.0
EXECUTIVE	0.0	34.0	34.0	36.0
FINANCE	0.0	33.0	33.0	33.0
HUMAN RESOURCES	0.0	15.0	15.0	16.0
INFORMATION TECH	0.0	32.0	32.0	33.0
LEGAL	0.0	7.0	7.0	7.0
OPERATIONS	282.0	138.0	420.0	447.0
<b>ALL DIVISIONS</b>	<b>282.0</b>	<b>343.0</b>	<b>625.0</b>	<b>669.0</b>

( 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



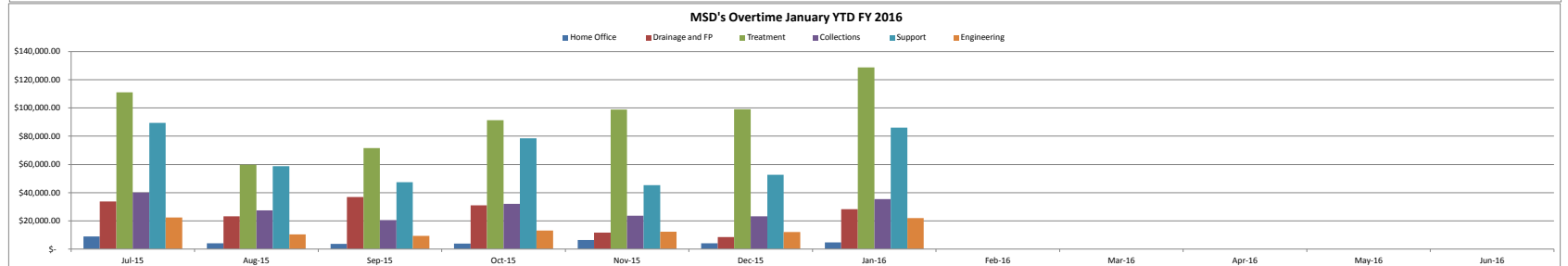
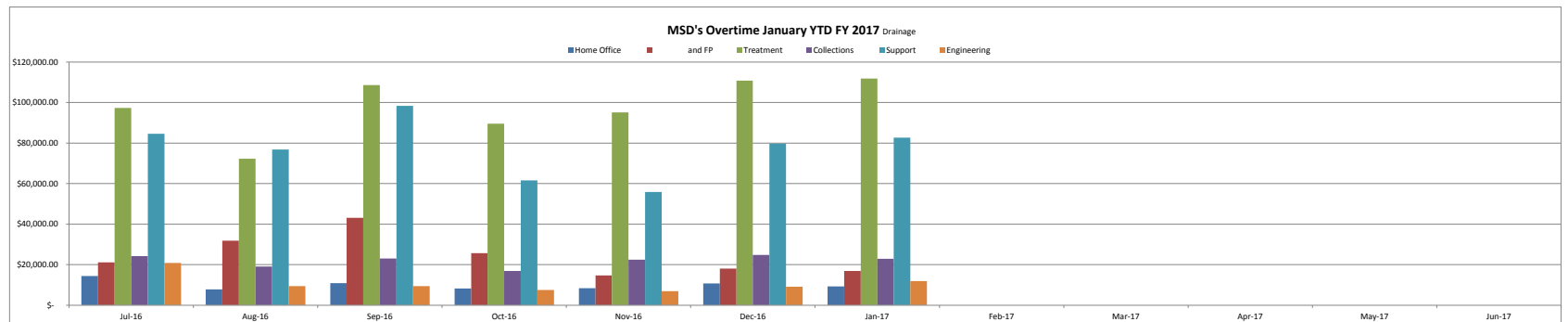
Prepared by: Patrick Meador



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	\$ 1,694,373.16
Total Salary	\$ 23,205,948.06
Overtime Percentage of Total Salary	7.30%

MSD's Overtime Comparison YTD				
	January YTD FY'17		January YTD FY'16	Variance
Home Office	\$ 69,755.16	Home Office	\$ 35,555.33	\$34,199.83
Treatment	\$ 171,274.18	Treatment	\$ 173,161.01	-\$1,886.83
Drainage and Flood Protection	\$ 685,602.12	Drainage and Flood Protection	\$ 660,692.23	\$24,909.89
Collections	\$ 153,167.94	Collections	\$ 202,131.08	-\$48,963.14
Support	\$ 539,506.38	Support	\$ 458,076.67	\$81,429.71
Engineering	\$ 75,067.38	Engineering	\$ 101,373.99	-\$26,306.61



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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,694,373.16
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,205,948.06
Overtime % of Total Salary	10.06%	6.53%	8.52%	6.56%	6.37%	6.06%	7.82%						7.30%

\*August and September Adjusted for Vacation Accrual

Prepared by Samuel Miller

2/26/2017



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
<b>TOTAL FY14</b>	<b>\$ 12,963,944.97</b>

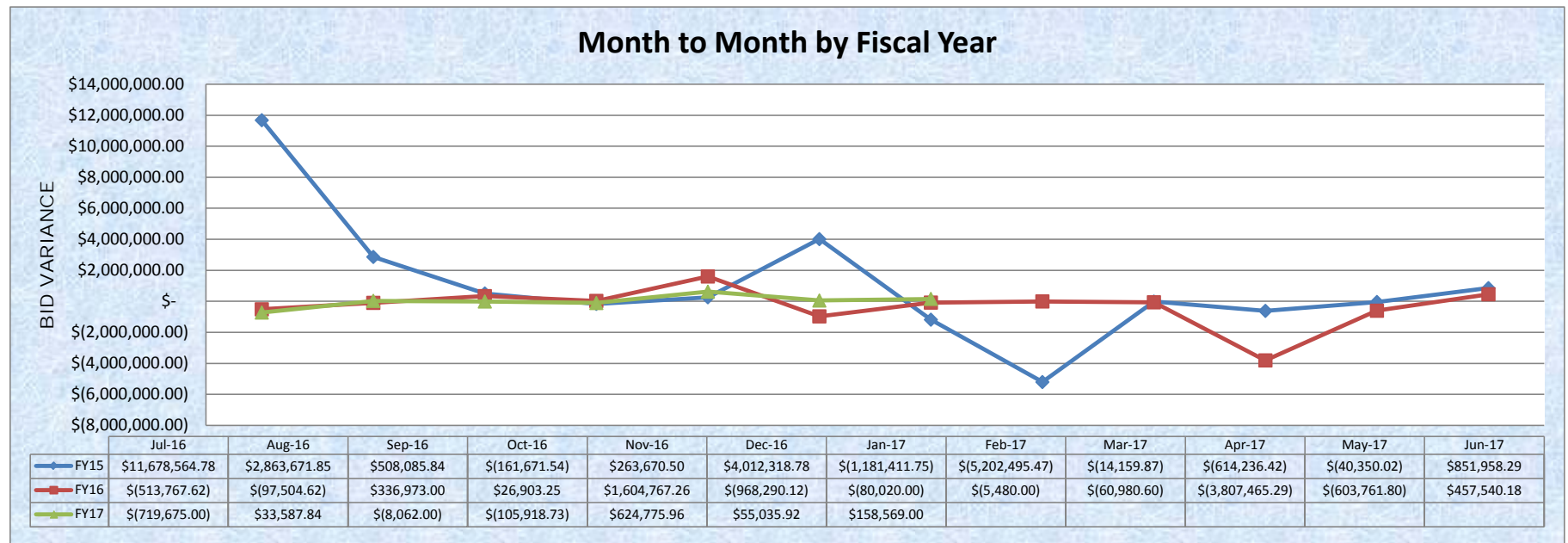
FY 16 Variance by Month	
Mth	FY16
Jul-14	\$ (513,767.62)
Aug-14	\$ (97,504.62)
Sep-14	\$ 336,973.00
Oct-14	\$ 26,903.25
Nov-14	\$ 1,604,767.26
Dec-14	\$ (968,290.12)
Jan-15	\$ (80,020.00)
Feb-15	\$ (5,480.00)
Mar-15	\$ (60,980.60)
Apr-15	\$ (3,807,465.29)
May-15	\$ (603,761.80)
Jun-15	\$ 457,540.18
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

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	
Mar-17	
Apr-17	
May-17	
Jun-17	
<b>TOTAL FY16</b>	<b>\$ 38,312.99</b>

	FY 15 Over/Under Total Variance	FY 16 Over/Under Total Variance	FY 17 Over/Under Total Variance
# OVER	29	31	17
\$ OVER	\$ 22,692,303.47	\$ 5,938,849.72	\$ 1,124,977.49
%	25.09%	16.49%	21.70%

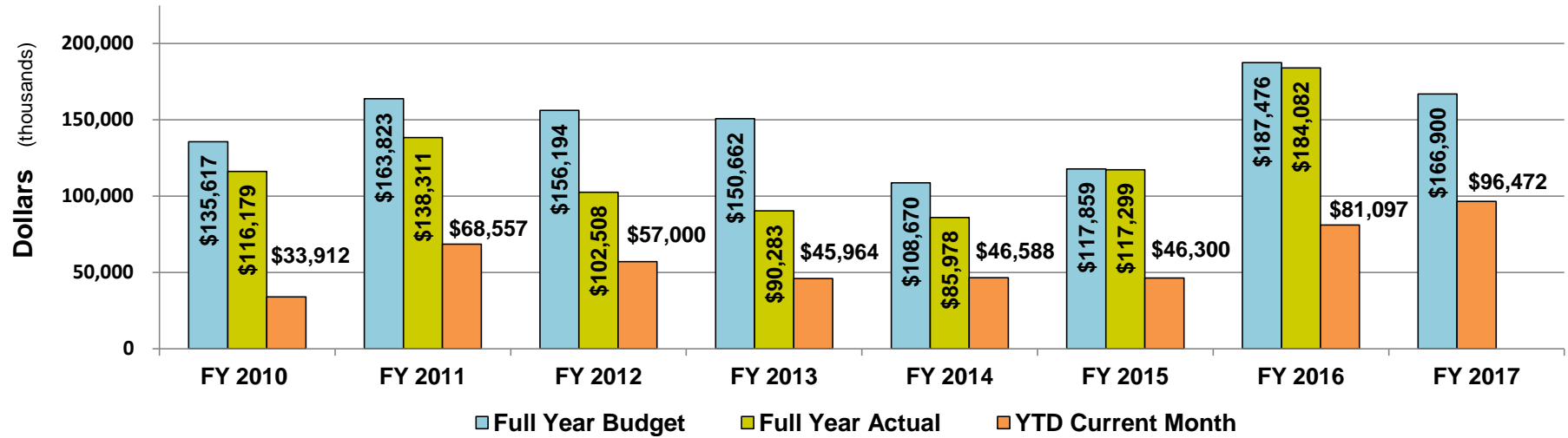
# UNDER	25	45	26
\$ UNDER	\$ (9,728,358.50)	\$ (9,649,936.08)	\$ (1,086,664.50)
%	-11.05%	-19.25%	-25.00%

<b>Total YTD</b>	<b>\$ 12,963,944.97</b>	<b>\$ (3,711,086.36)</b>	<b>\$ 38,312.99</b>
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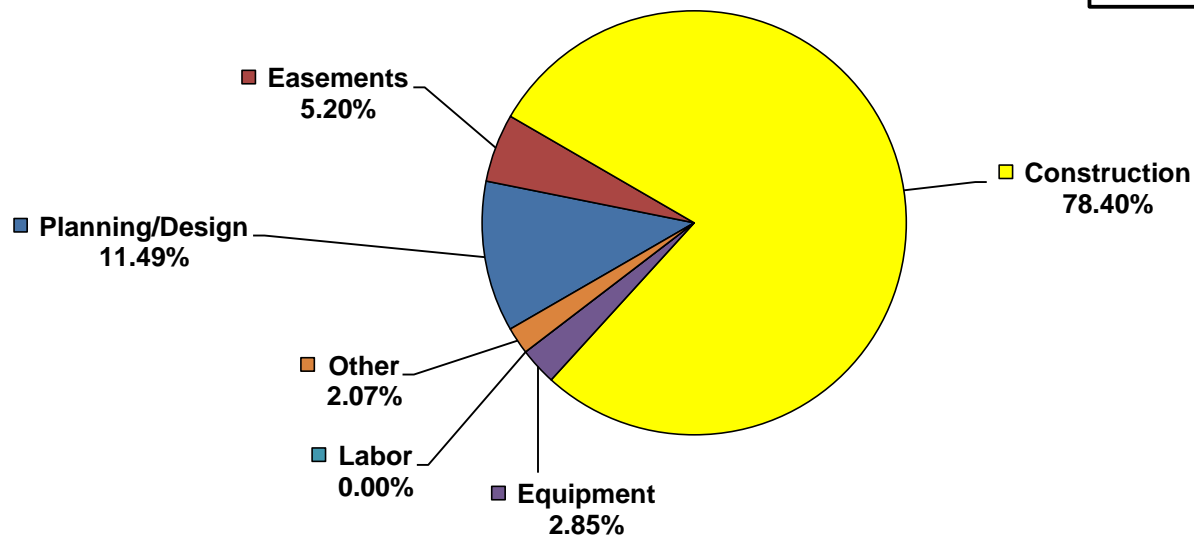
Total variance reflects the difference of Estimate Cost vs. Board Approval by month for Construction services.

**FY 2017  
MSD Capital Budget Performance  
YTD as of 1/31/17**



Prepared by: Patrick Meador

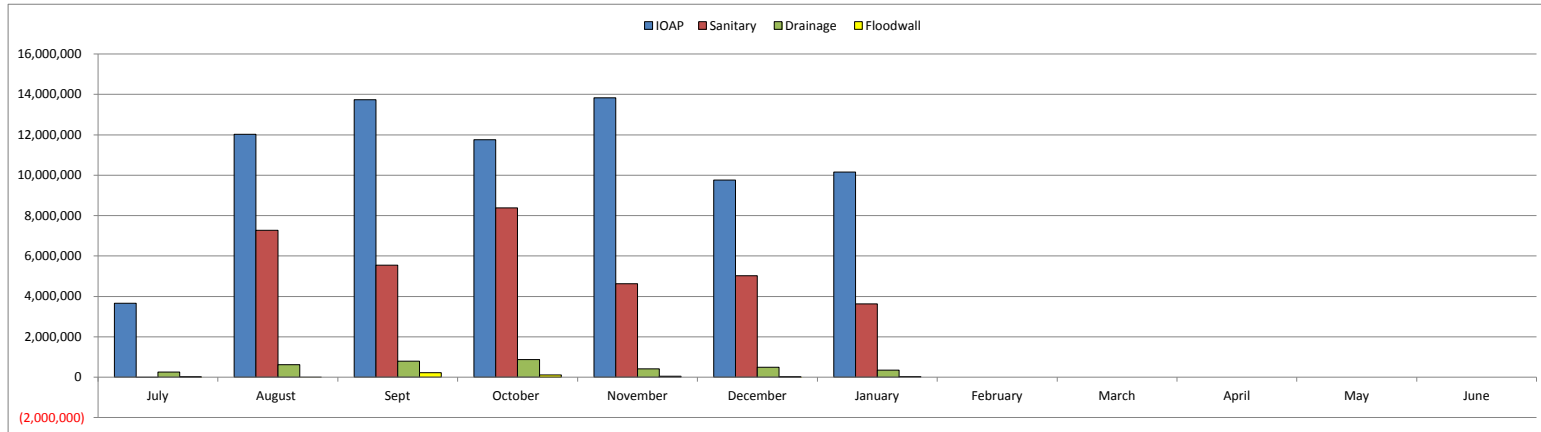
**MSD Capital Expenditures by Category**



**Total Expenditures to Date:  
\$96,472,408**

Prepared by: Patrick Meador

**MSD MONTHLY CAPITAL SPENDING BY TYPE**  
(Includes Capitalized Overhead)  
As of 1/31/17



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	0	0	0	0	0	74,907,980	66%
Sanitary	(10,704)	7,275,603	5,542,202	8,389,495	4,630,529	5,026,664	3,629,336	0	0	0	0	0	34,483,125	30%
Drainage	259,461	617,136	787,398	877,100	418,046	499,187	351,909	0	0	0	0	0	3,810,237	3%
Floodwall	13,536	9,000	220,333	108,090	47,253	13,066	28,688	0	0	0	0	0	439,966	0%
<b>Total</b>	<b>3,930,005</b>	<b>19,919,652</b>	<b>20,278,286</b>	<b>21,132,293</b>	<b>18,927,512</b>	<b>15,293,950</b>	<b>14,159,611</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>113,641,309</b>	<b>100%</b>

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%
<b>Total</b>	<b>6,221,756</b>	<b>11,088,279</b>	<b>13,522,838</b>	<b>21,262,069</b>	<b>13,824,133</b>	<b>17,154,433</b>	<b>16,525,148</b>	<b>20,713,227</b>	<b>12,918,037</b>	<b>22,140,216</b>	<b>20,257,556</b>	<b>40,284,036</b>	<b>215,911,728</b>	<b>100%</b>

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%
<b>Total</b>	<b>7,625,412</b>	<b>10,181,829</b>	<b>1,840,877</b>	<b>14,159,818</b>	<b>8,306,519</b>	<b>12,176,400</b>	<b>9,913,075</b>	<b>11,191,562</b>	<b>8,884,886</b>	<b>11,165,144</b>	<b>13,145,976</b>	<b>11,707,206</b>	<b>120,298,703</b>	<b>100%</b>

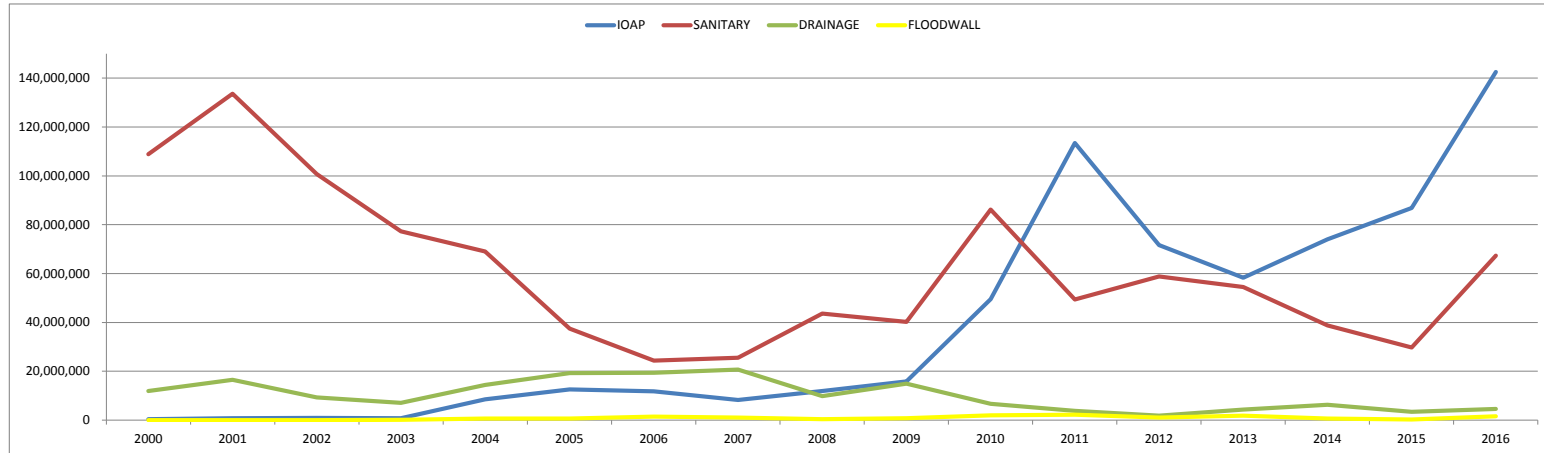
(Negative September / October spending caused by reversal of FY14 Capital accruals.)

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%
<b>Total</b>	<b>12,193,092</b>	<b>985,876</b>	<b>8,921,837</b>	<b>13,660,298</b>	<b>8,399,737</b>	<b>9,567,252</b>	<b>11,891,478</b>	<b>9,189,799</b>	<b>8,341,201</b>	<b>7,700,719</b>	<b>11,450,503</b>	<b>17,340,083</b>	<b>119,641,875</b>	<b>100%</b>

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	0	0	0	0	0	74,907,980	66%
Sanitary	(10,704)	7,264,899	12,807,101	21,196,596	25,827,125	30,853,789	34,483,125	0	0	0	0	0	34,483,125	30%
Drainage	259,461	876,597	1,663,995	2,541,095	2,959,141	3,458,328	3,810,237	0	0	0	0	0	3,810,237	3%
Floodwall	13,536	22,536	242,869	350,959	398,212	411,278	439,966	0	0	0	0	0	439,966	0%
Total	3,930,005	23,849,657	44,127,943	65,260,236	84,187,748	99,481,698	113,641,309	0	0	0	0	0	113,641,309	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

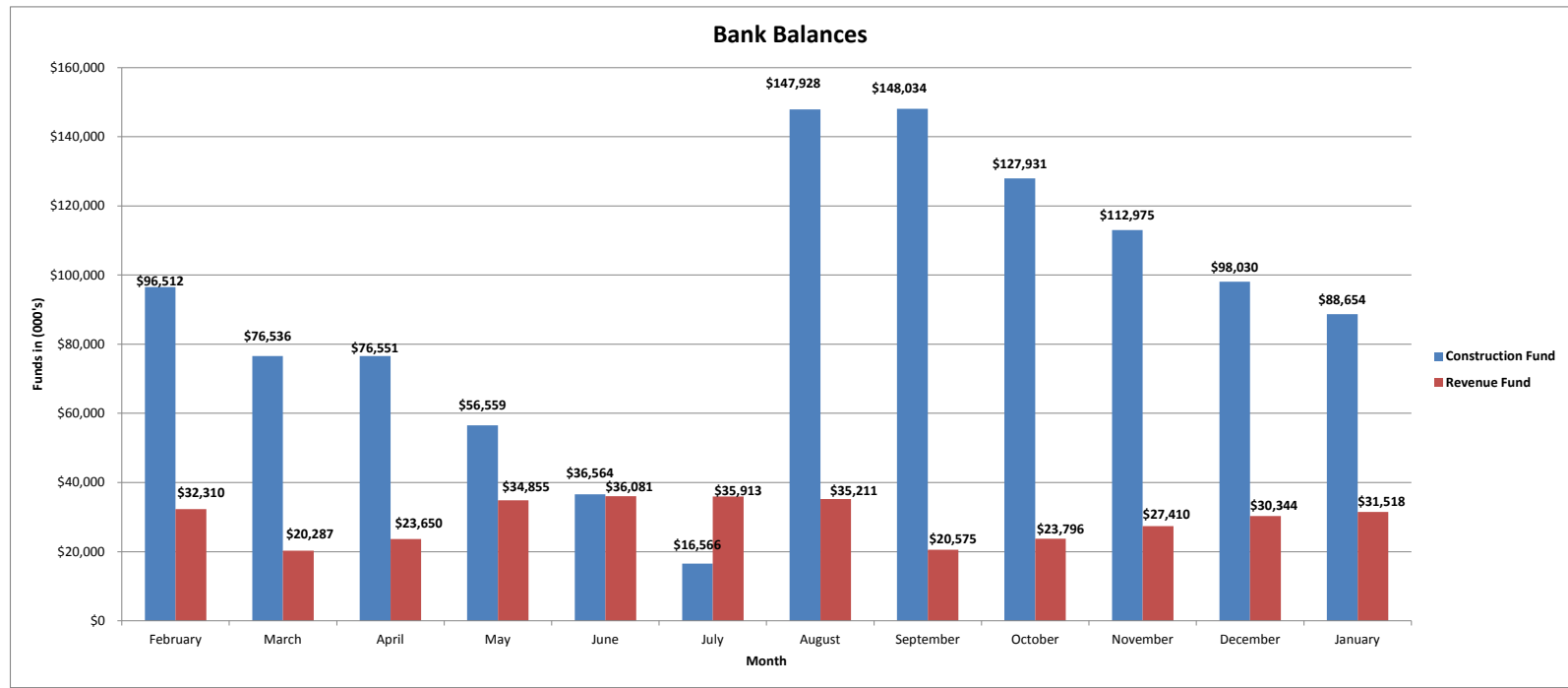
Prepared by: Patrick Meador

## MSD CASH FLOW SUMMARY (000's)

### SAP CASH ACTIVITY

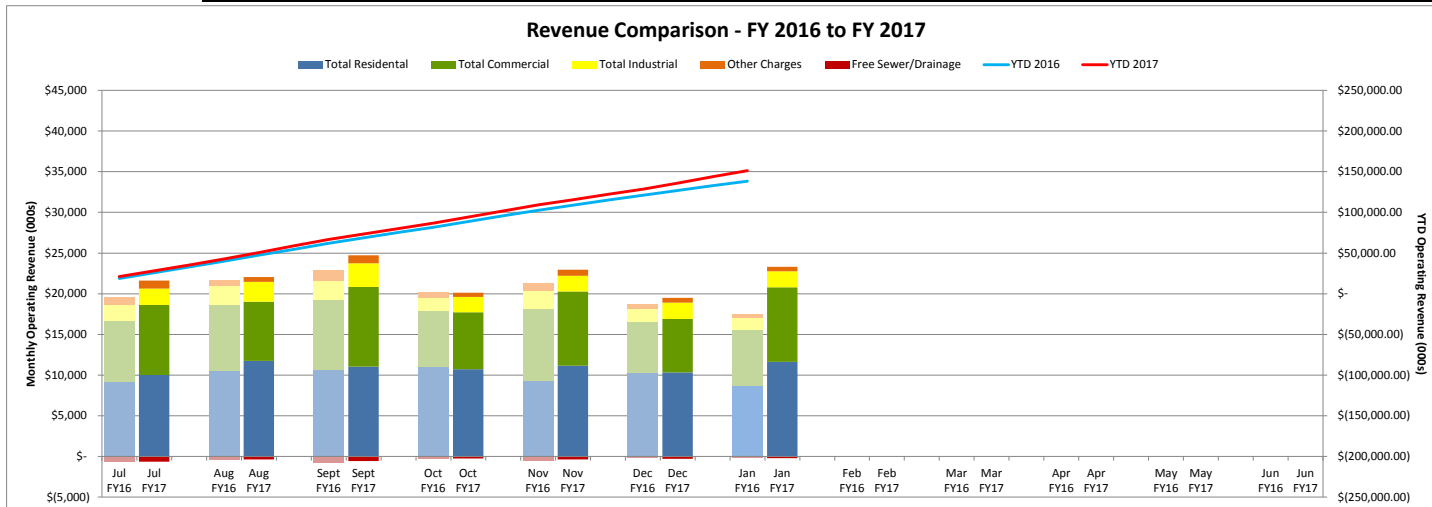
12 Month Rolling Average February 2016-January 2017

	February	March	April	May	June	July	August	September	October	November	December	January
Revenue Total	\$ 23,565	\$ 24,090	\$ 19,195	\$ 25,625	\$ 21,791	\$ 19,908	\$ 25,268	\$ 21,443	\$ 24,719	\$ 26,822	\$ 26,731	\$ 21,130
Operating Expense	(8,155)	(10,593)	(11,018)	(12,483)	(12,483)	(11,165)	(10,723)	(11,034)	(12,067)	(9,717)	(12,453)	(10,682)
Debt Service	(10,768)	(10,761)	(10,762)	(10,811)	(10,811)	(10,817)	(10,811)	(11,900)	(11,910)	(11,887)	(11,600)	(11,847)
Funds Available	\$ 4,642	\$ 2,736	\$ (2,585)	\$ 2,330	\$ (1,504)	\$ (2,074)	\$ 3,733	\$ (1,491)	\$ 742	\$ 5,219	\$ 2,678	\$ (1,399)
Transfers In	10,000	20,000	0	20,000	20,000	20,000	18,935	33	20,184	15,000	15,000	15,000
Capital Payments	(17,539)	(11,400)	(15,554)	(14,151)	(23,965)	(12,013)	(22,350)	(17,054)	(17,019)	(12,720)	(18,058)	(9,696)
Net Change	\$ (2,898)	\$ 11,336	\$ (18,139)	\$ 8,179	\$ (5,469)	\$ 5,913	\$ 319	\$ (18,512)	\$ 3,907	\$ 7,498	\$ (380)	\$ 3,905



Prepared By Samuel Miller

Residential		Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	YTD Totals	%
<b>Sewer</b>															
	Service Charge	\$ 2,758	\$ 3,184	\$ 3,025	\$ 2,912	\$ 3,091	\$ 2,837	\$ 3,293	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,099	27.52%
	Volume Charges	3,420	3,961	3,824	3,539	3,795	3,304	3,739	-	-	-	-	-	25,582	33.37%
	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	-	-	-	-	-	17,721	23.12%
	Senior Citizen Discount	(58)	(80)	(61)	(74)	(67)	(70)	(72)	-	-	-	-	-	(482)	-0.63%
<b>Drainage</b>															
	Drainage Fees	1,586	2,032	1,725	1,908	1,745	1,872	1,870	-	-	-	-	-	12,737	16.62%
<b>Total Residential</b>		<b>\$ 10,017</b>	<b>\$ 11,759</b>	<b>\$ 11,053</b>	<b>\$ 10,725</b>	<b>\$ 11,151</b>	<b>\$ 10,320</b>	<b>\$ 11,633</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 76,657</b>	<b>100.00%</b>
<b>Commercial</b>															
<b>Sewer</b>															
	Service Charge	\$ 734	\$ 529	\$ 788	\$ 506	\$ 788	\$ 514	\$ 836	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,694	8.15%
	Volume Charges	3,794	2,963	4,413	2,961	3,920	2,595	3,826	-	-	-	-	-	24,472	42.51%
	Quality Charges	81	84	77	72	86	61	81	-	-	-	-	-	543	0.94%
	Meter Reading Charge	16	13	16	15	11	6	6	-	-	-	-	-	83	0.14%
	Consent Decree Charge	1,253	985	1,462	983	1,360	860	1,331	-	-	-	-	-	8,235	14.30%
<b>Drainage</b>															
	Drainage Fees	2,740	2,683	3,037	2,481	2,948	2,561	3,094	-	-	-	-	-	19,544	33.95%
<b>Total Commercial</b>		<b>\$ 8,619</b>	<b>\$ 7,258</b>	<b>\$ 9,794</b>	<b>\$ 7,018</b>	<b>\$ 9,113</b>	<b>\$ 6,596</b>	<b>\$ 9,174</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 57,571</b>	<b>100.00%</b>
<b>Industrial</b>															
<b>Sewer</b>															
	Service Charge	\$ 52	\$ 45	\$ 64	\$ 51	\$ 55	\$ 55	\$ 61	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 382	2.53%
	Volume Charges	802	819	905	664	774	752	827	-	-	-	-	-	5,543	36.69%
	Quality Charges	596	1,066	1,291	702	572	694	472	-	-	-	-	-	5,393	35.69%
	Meter Reading Charge	8	9	8	9	7	8	8	-	-	-	-	-	55	0.37%
	Consent Decree Charge	250	255	283	209	244	235	256	-	-	-	-	-	1,732	11.46%
<b>Drainage</b>															
	Drainage Fees	283	237	354	249	302	264	316	-	-	-	-	-	2,004	13.26%
<b>Total Industrial</b>		<b>\$ 1,991</b>	<b>\$ 2,430</b>	<b>\$ 2,904</b>	<b>\$ 1,884</b>	<b>\$ 1,953</b>	<b>\$ 2,008</b>	<b>\$ 1,941</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,110</b>	<b>100.00%</b>
<b>Other Charges</b>															
		\$ 979	\$ 616	\$ 991	\$ 493	\$ 732	\$ 556	\$ 567	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,935	
<b>Free Charges</b>															
	Free Sewer	\$ (629)	\$ (390)	\$ (562)	\$ (264)	\$ (373)	\$ (303)	\$ (230)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,751)	
	Free Drainage													\$ -	
<b>Total Sewer</b>		<b>\$ 16,368</b>	<b>\$ 16,720</b>	<b>\$ 19,065</b>	<b>\$ 15,217</b>	<b>\$ 17,582</b>	<b>\$ 14,480</b>	<b>\$ 17,804</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 117,236</b>	<b>77.37%</b>
<b>Total Drainage</b>		<b>4,609</b>	<b>4,952</b>	<b>5,115</b>	<b>4,638</b>	<b>4,994</b>	<b>4,696</b>	<b>5,280</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>34,286</b>	<b>22.63%</b>
<b>Total Service Charges</b>		<b>\$ 20,977</b>	<b>\$ 21,672</b>	<b>\$ 24,180</b>	<b>\$ 19,856</b>	<b>\$ 22,577</b>	<b>\$ 19,176</b>	<b>\$ 23,084</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 151,522</b>	<b>100.00%</b>





**Louisville and Jefferson County  
Metropolitan Sewer District  
Wastewater Customer Count**

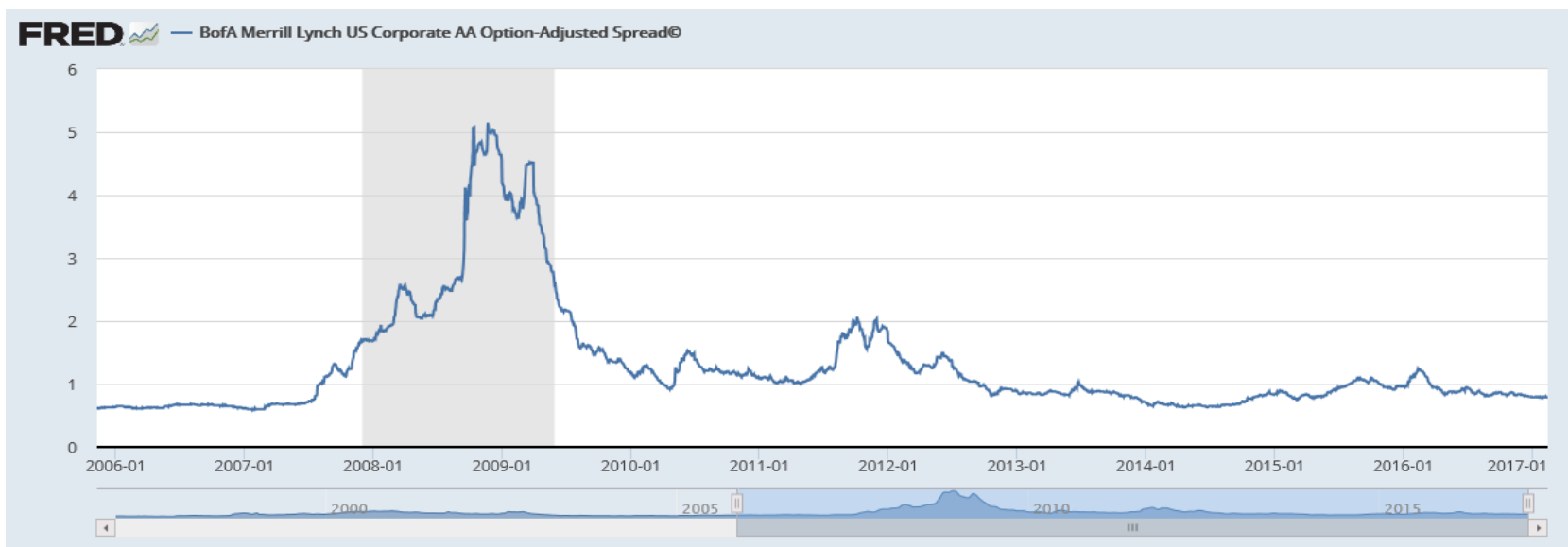
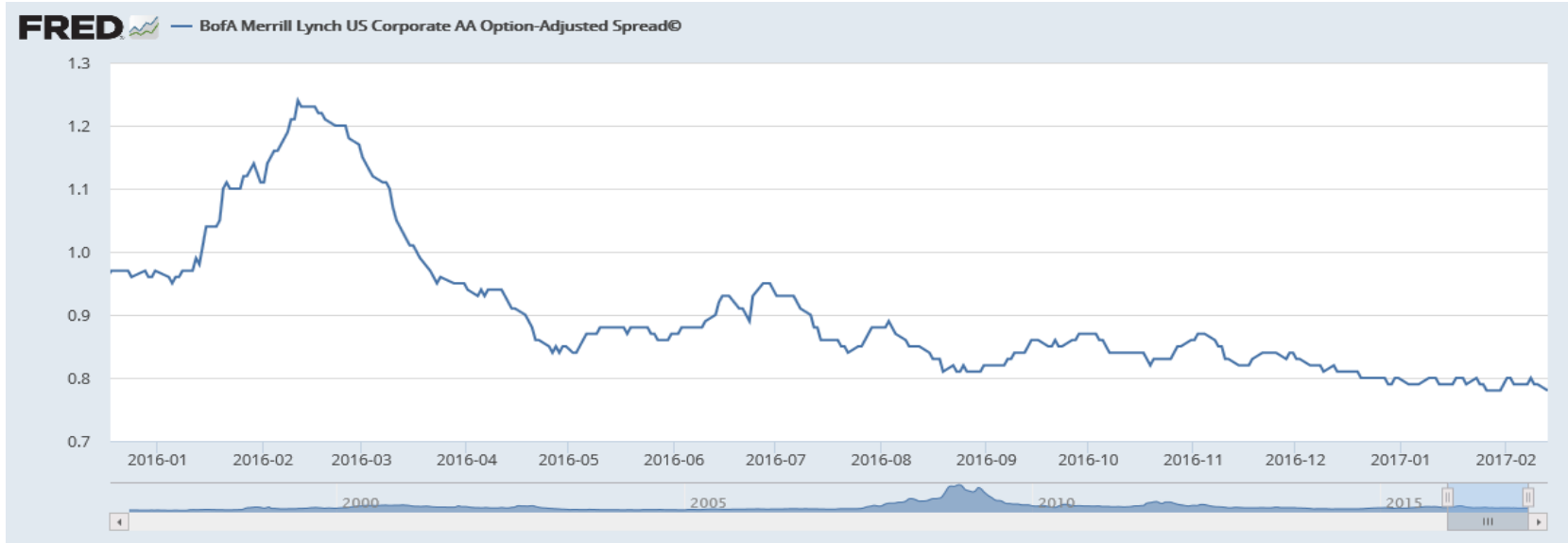
**Jan-17**

<b>Plant Code</b>	<b>Service Area</b>		<b>Residential Customers</b>		<b>Commercial Customers</b>		<b>Industrial Customers</b>		<b>Metro Customers</b>		<b>Multi Customers</b>		<b>Total Customers</b>	
			<b>Actives</b>	<b>Inactives</b>	<b>Actives</b>	<b>Inactives</b>	<b>Actives</b>	<b>Inactives</b>	<b>Actives</b>	<b>Inactives</b>	<b>Actives</b>	<b>Inactives</b>	<b>Actives</b>	<b>Inactives</b>
140	Derek Guthrie	LWC	62,608	3,092	3,598	362	23	2	25	1	2	1	66,256	3,458
151	Morris Forman - City	LWC	68,261	11,027	8,849	1,654	239	74	237	11	2	24	77,588	12,790
152	Morris Forman - County	LWC	50,612	1,217	4,619	486	52	3	32	1	1	2	55,316	1,709
153	Hite Creek	LWC	9,963	146	620	32	8	0	0	0	1	0	10,592	178
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	17,173	246	1,065	56	9	1	3	0	6	0	18,256	303
244	Moser Farm (Hite Creek)	LWC	165	1	0	0	0	0	0	0	0	0	165	1
294	Floyds Fork	LWC	8,471	93	467	12	2	0	3	0	0	0	8,943	105
<b><u>Sub-Total</u></b>			217,520	15,822	19,219	2,602	333	80	300	13	12	27	237,384	18,544
<b><u>Grand Total</u></b>			233,342		21,821		413		313		39		255,928	

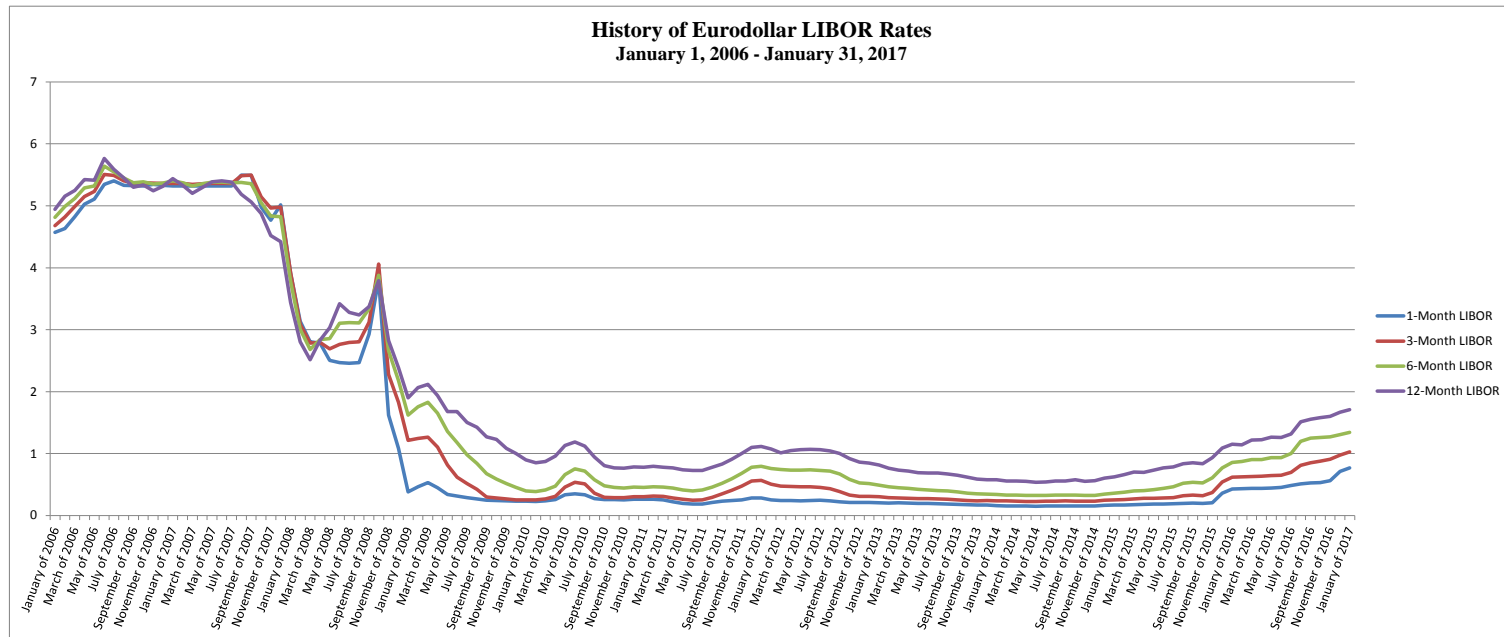
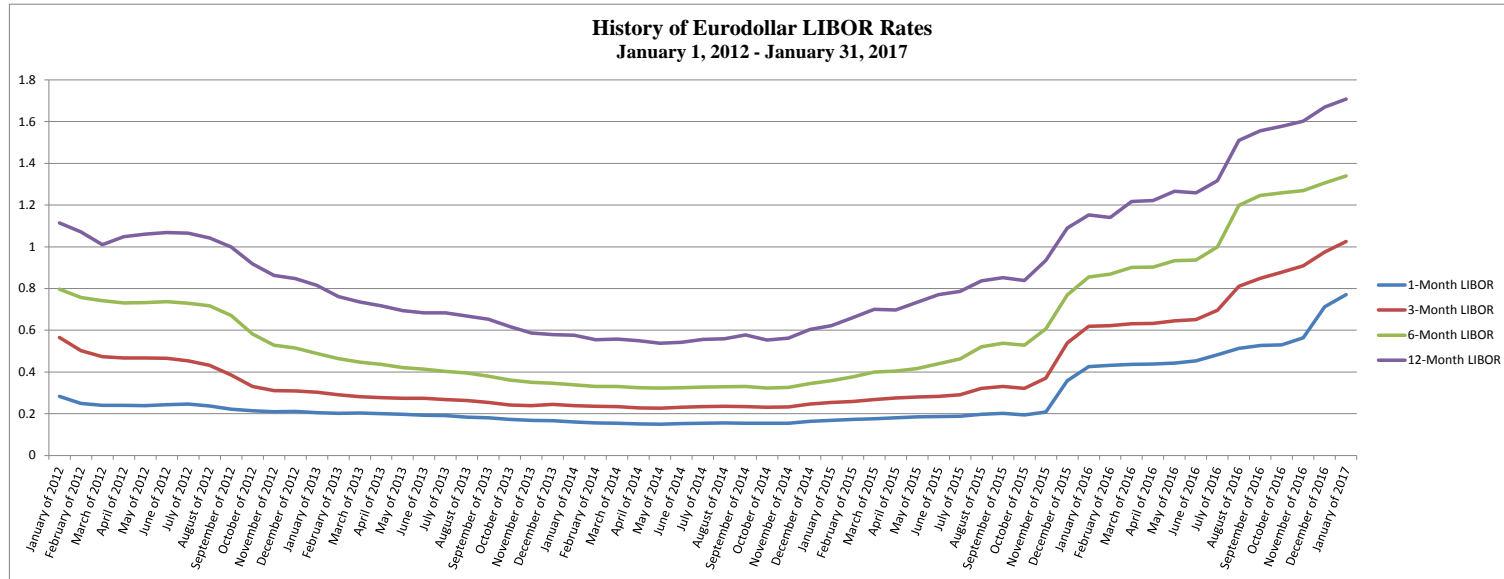
Submitted by: Adonis Henderson  
Date: 2/2/2017

## **New Customer Count**

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



## Market Rates



# Kentucky Municipal Market Update

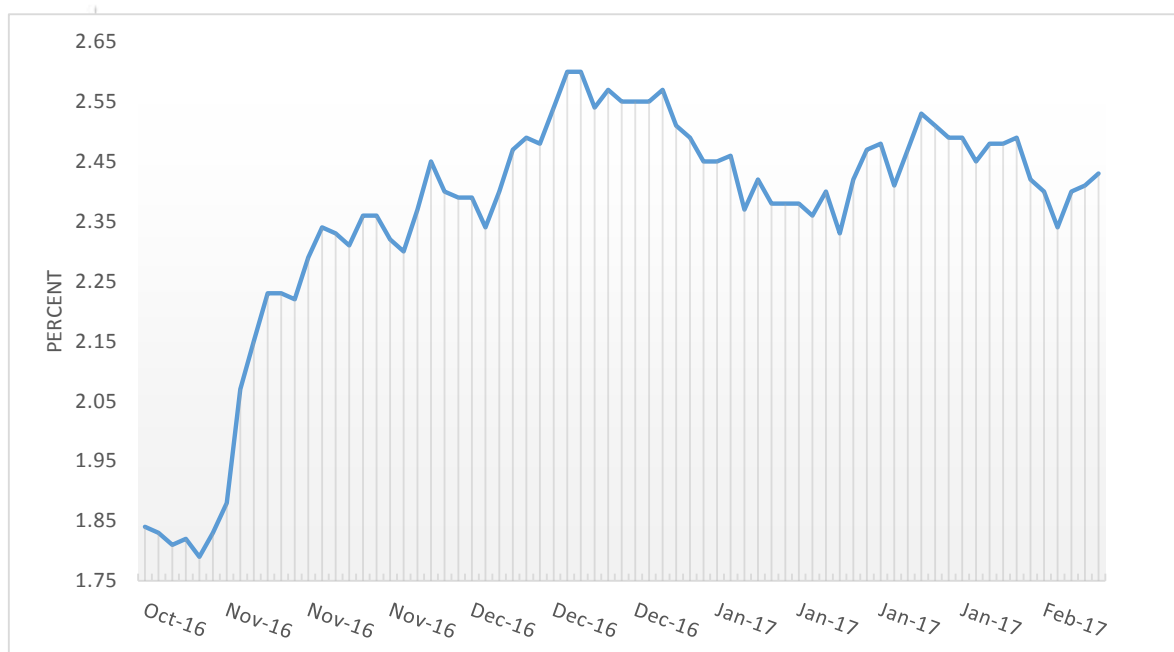


## Market Commentary

### Market Overview

Janet Yellen has her semi-annual Congressional testimony this month which has created some uneasiness in the bond market due to the speculation of rate hike conversation in the March FOMC meeting.

Since the 10 year Treasury rate went from about 1.80% to 2.35% in November, there has been some resistance around the 2.50%-2.60% level, as you can see in the chart below.



Source: US Department of Treasury

From the time of the election through the end of December, the municipal market saw a large increase in supply due to the market being in a favorable position for issuance. Since then, the supply of bonds has been decreasing, mostly because of the seasonal changes in the bond market, but this year seems to be showing even lower supply than this period in 2016. One of many indications of 2017 supply being lower is that tax exempt new issue supply is expected to come in at \$6 billion, \$2 billion less than this time last year.

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MSD Investments by Category  
January 31, 2017

<b>Total Cash &amp; Investments by Category</b>	<b>Yield</b>	<b>Market Value</b>	<b>Face Value</b>	<b>Cost Value</b>	<b>Accrued Interest</b>	<b>Market Gain/Loss</b>
Cash		21,437,014	21,437,010	21,437,010	-	3
FED HOME LN MTG CORP DEB		27,795,743	27,409,206	27,410,002	26,321	385,740
Municipal Obligations	4.3 - 4.7%	87,548,428	84,590,000	83,146,718	806,412	4,401,709
Commercial Paper	0.79%	64,911,316	64,851,286	64,816,853	-	-
Fed Gov Oblig Fund (money mkt)	.00 - .01%	61,132,838	59,448,625	59,448,625	-	1,927
Dreyfus Cash Mgmt (money mkt)	.00 - .01%	32,190,511	32,186,691	32,186,691	-	1,570
FED NATL MTGE ASSN DISC NOTE		-	-	-	-	-
FREDDIE MAC DISC. NOTE		14,997,300	14,967,771	14,967,771		29,529
Certificate of Deposit	0.0175	100,000	100,000	100,000	-	-
		<b>\$ 310,113,150</b>	<b>\$ 304,990,589</b>	<b>\$ 303,513,670</b>	<b>\$ 832,733</b>	<b>\$ 4,820,478</b>

<b>Total earnings on investments FYTD 2017</b>	<b>\$ 8,214,931</b>
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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	\$ 5,562,600.00	\$ 5,000,000.00	\$ 5,087,981.25	Aa2	4.49%	5.125%	4.19%	14.5
BAY AREA TOLL AUTH CALIF TOLL	4/1/2034	\$ 3,100,530.00	\$ 3,000,000.00	\$ 2,988,573.33	Aa3	4.45%	5.00%	4.00%	11.9
BEAVERCREEK OHIO CITY SCH DIST	12/1/2036	\$ 1,368,347.40	\$ 1,260,000.00	\$ 1,232,343.00	Aa2	4.47%	5.00%	4.12%	13.1
CHICAGO ILL	1/1/2039	\$ 5,645,975.40	\$ 5,160,000.00	\$ 5,383,358.91	Ba1	4.71%	5.00%	4.56%	13.7
DALLAS TEX AREA RAPID TRAN	12/1/2036	\$ -	\$ 2,000,000.00	\$ -	Aa3	4.46%	5.00%	4.10%	13.1
FLORIDA ST BRD ED PUB ED	6/1/2037	\$ 1,411,091.40	\$ 1,380,000.00	\$ 1,309,373.13	Aa1	4.33%	4.75%	4.05%	13.5
HARRIS CNTY TEX FLOOD CTL DIST	10/1/2039	\$ 5,552,400.00	\$ 5,000,000.00	\$ 5,094,694.44	Aa1	4.39%	5.00%	4.06%	14.2
JEA FLA WTR & SWR SYS REV	10/1/2039	\$ 1,045,085.15	\$ 955,000.00	\$ 960,172.92	Aa2	4.41%	5.00%	4.08%	14.1
JEA FLA WTR & SWR SYS REV	10/1/2039	\$ 995,840.30	\$ 910,000.00	\$ 914,929.17	Aa2	4.41%	5.00%	4.08%	14.1
KING CNTY WASH SWR REV	1/1/2039	\$ 5,012,578.80	\$ 5,265,000.00	\$ 5,220,322.23	Aa2	4.39%	5.00%	4.04%	14.0
LAS VEGAS VALLEY NEV WTR DIST	2/1/2037	\$ 448,257.80	\$ 3,000,000.00	\$ 431,817.09	Aa2	4.62%	5.00%	4.37%	13.1
LOS ANGELES CALIF DEPT ARPTS	5/15/2040	\$ 5,499,350.00	\$ 5,000,000.00	\$ 4,791,850.00	Aa3	4.46%	5.00%	4.18%	14.4
LOS ANGELES CALIF DEPT WTR	7/1/2038	\$ 6,329,400.00	\$ 6,000,000.00	\$ 6,199,120.00	Aa3	4.61%	5.25%	4.25%	13.6
LOUISIANA ST GAS & FUELS TAX	5/1/2040	\$ 5,469,950.00	\$ 5,000,000.00	\$ 5,029,861.11	Aa2	4.38%	5.00%	4.05%	14.4
METROPOLITAN ATLANTA RAPID	7/1/2039	\$ 5,386,850.00	\$ 5,000,000.00	\$ 5,076,883.33	A1	4.45%	5.00%	4.15%	14.2
NEW YORK N Y CITY MUN WTR FIN	6/15/2037	\$ 4,156,360.80	\$ 4,110,000.00	\$ 4,110,000.00	Aa2	4.43%	5.00%	4.06%	13.4
NEW YORK N Y CITY MUN WTR FIN	6/15/2039	\$ 1,839,250.00	\$ 1,500,000.00	\$ 1,748,541.67	Aa2	4.59%	5.00%	4.37%	14.0
NEW YORK N Y CITY MUN WTR FIN	6/15/2039	\$ 2,144,700.00	\$ 2,000,000.00	\$ 1,975,480.00	Aa2	4.39%	5.00%	4.05%	14.2
PALM BEACH CNTY FLA PUB IMPT	5/1/2038	\$ 3,147,240.00	\$ 3,000,000.00	\$ 3,047,916.67	Aa1	4.57%	5.00%	4.32%	13.5
SALT RIVER PROJ ARIZ AGRIC	1/1/2038	\$ 2,073,860.00	\$ 2,000,000.00	\$ 2,030,331.11	Aa1	4.51%	5.00%	4.21%	13.5
SALT RIVER PROJ ARIZ AGRIC	1/1/2038	\$ 5,184,650.00	\$ 5,000,000.00	\$ 5,008,650.00	Aa1	4.51%	5.00%	4.21%	13.5
TEXAS ST	4/1/2018	\$ 3,139,560.00	\$ 430,000.00	\$ 3,060,416.67		4.14%	4.75%	-6.55%	2.8
TEXAS ST	4/1/2037	\$ 4,769,480.50	\$ 4,570,000.00	\$ 4,589,311.91	Aaa	4.47%	4.75%	3.89%	13.4
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2037	\$ 840,800.00	\$ 800,000.00	\$ 794,403.56	Aa3	4.41%	5.00%	4.04%	13.5
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2037	\$ -	\$ 1,750,000.00	\$ -	Aa3	4.41%	5.00%	4.04%	13.5
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2038	\$ 7,424,270.00	\$ 7,000,000.00	\$ 7,060,386.67	Aa3	4.42%	5.00%	4.08%	13.9
<b>Totals:</b>		<b>\$ 87,548,427.55</b>	<b>\$ 86,090,000.00</b>	<b>\$ 83,146,718.17</b>					
<b>Average Years to Maturity:</b>	<b>21.37</b>								

#### Unrealized Gain in Total (Market Value - Cost)

\$4,401,709.38

#### Total Weighted Average Yield to Maturity

3.90500%

#### Total Weighted Average Duration

13.92435

#### Total Weighted Average Coupon Rates

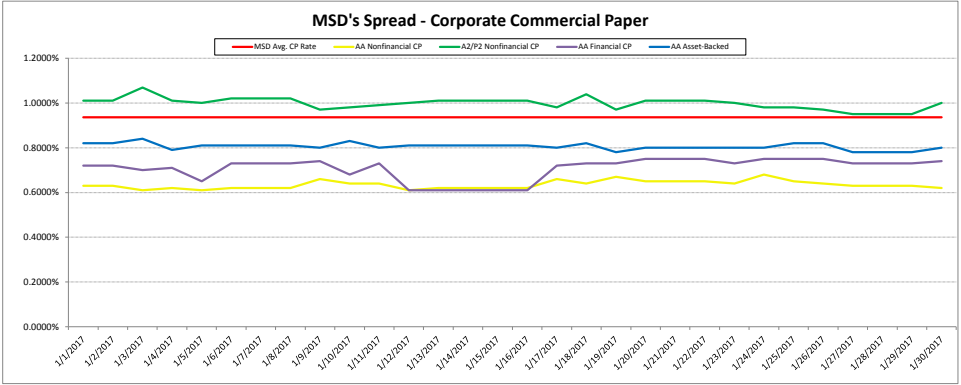
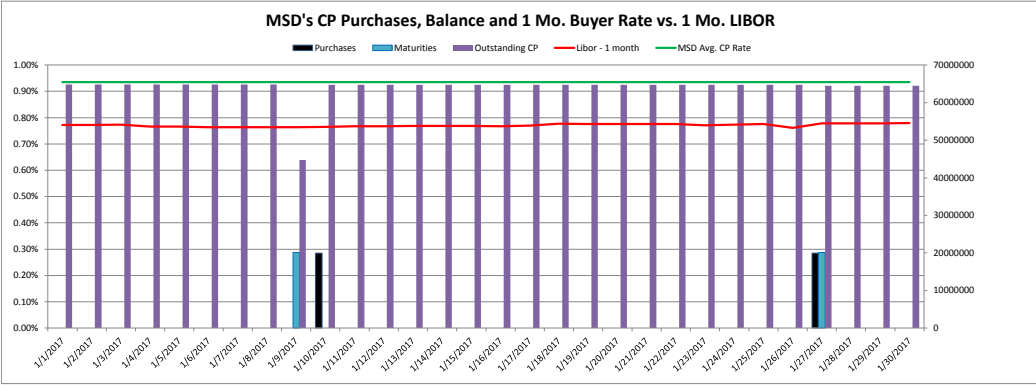
5.18535%

#### Total Weighted Average Market Yield

4.63093%

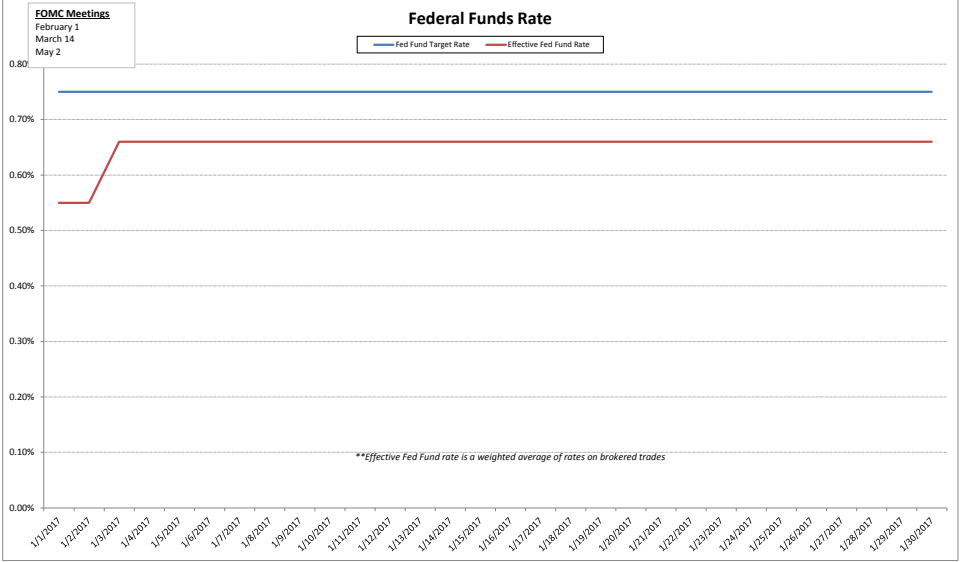
Prepared By Samuel Miller

2/14/2017

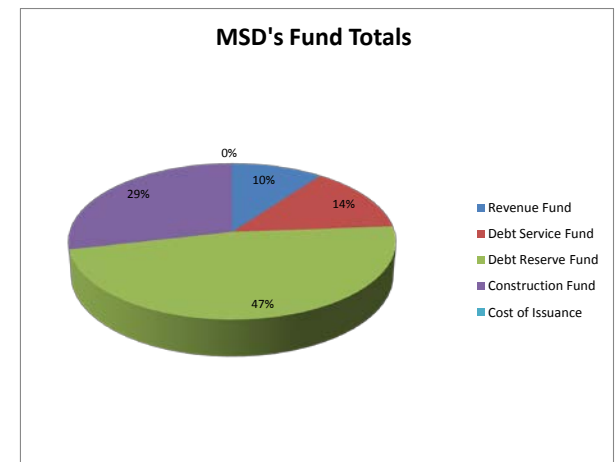


Outstanding as of 1/31/2017				
Company	Maturity Date	Purchase Amount	Maturity Amount	Rate <sub>1</sub>
Natixis NY Branch	3/13/2017	\$ 19,974,244.44	\$ 20,126,244.45	0.761%
Instituonal SF	3/15/2017	\$ 24,927,041.67	\$ 25,181,796.04	1.022%
Sumitomo Mitsui Trust	4/27/2017	\$ 19,950,000.00	\$ 20,149,999.95	1.003%
<b>Total:</b>		<b>\$ 64,851,286.11</b>	<b>\$ 65,458,040.43</b>	<b>0.9356%</b>

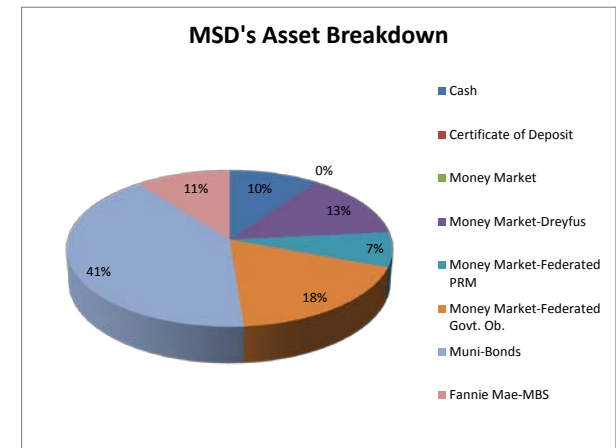
<sub>1</sub> Total rate shown is MSD's weighted average CP rate at month's end



Series	Revenue Fund	Debt Service Fund	Debt Reserve Fund	Construction Fund	Cost of Issuance	Totals
2007A	\$ -	\$ 1,498,480.78	\$ -	\$ -	\$ -	\$ 1,498,480.78
2008A	\$ -	\$ 2,151,135.62	\$ 4,428,575.84	\$ -	\$ -	\$ 6,579,711.46
2009A	\$ -	\$ 4,566,888.16	\$ 11,401,180.63	\$ -	\$ -	\$ 15,968,068.79
2009B	\$ -	\$ 12,140,976.01	\$ 28,547,974.51	\$ -	\$ -	\$ 40,688,950.52
2009C	\$ -	\$ 2,243,158.76	\$ 25,650,662.99	\$ -	\$ -	\$ 27,893,821.75
2010A	\$ -	\$ 4,298,113.28	\$ 39,087,975.72	\$ -	\$ -	\$ 43,386,089.00
2011A	\$ -	\$ 4,034,716.68	\$ -	\$ -	\$ -	\$ 4,034,716.68
2015 BAN	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2016 BAN	\$ -	\$ 1,298,952.56	\$ -	\$ -	\$ 6,500.00	\$ 1,305,452.56
2013A&B	\$ -	\$ 2,943,257.30	\$ 28,439,437.94	\$ -	\$ -	\$ 31,382,695.24
2013C	\$ -	\$ 1,053,565.90	\$ 5,368,090.53	\$ -	\$ -	\$ 6,421,656.43
2014A	\$ -	\$ 740,472.44	\$ -	\$ -	\$ -	\$ 740,472.44
2015A	\$ -	\$ 1,664,528.42	\$ 4,573,177.27	\$ -	\$ -	\$ 6,237,705.69
2015B	\$ -	\$ 2,105,811.92	\$ -	\$ -	\$ -	\$ 2,105,811.92
2016A	\$ -	\$ 796,099.12	\$ -	\$ 88,653,785.45	\$ 5,373.16	\$ 89,455,257.73
2016B	\$ -	\$ 316,684.93	\$ -	\$ -	\$ 5,006.46	\$ 321,691.39
2016C	\$ -	\$ 569,502.85	\$ -	\$ -	\$ 5,689.48	\$ 575,192.33
Cash	\$ 21,419,165.98	\$ -	\$ -	\$ -	\$ -	\$ 21,419,165.98
Certificate of Deposit	\$ 100,000.00	\$ -	\$ -	\$ -	\$ -	\$ 100,000.00
Treasury - Agency	\$ 9,998,400.00	\$ -	\$ -	\$ -	\$ -	\$ 9,998,400.00
Totals	\$ 31,517,565.98	\$ 42,422,344.73	\$ 147,497,075.43	\$ 88,653,785.45	\$ 22,569.10	\$ 310,113,340.69



Asset Description	Revenue Fund	Debt Service Fund	Debt Reserve Fund	Construction Fund	Cost of Issuance	Totals
Cash	\$ 21,419,165.98	\$ -	\$ -	\$ -	\$ 22,569.10	\$ 21,441,735.08
Certificate of Deposit	\$ 100,000.00	\$ -	\$ -	\$ -	\$ -	\$ 100,000.00
Money Market	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Money Market-Dreyfus	\$ -	\$ 8,216,504.56	\$ 11,944,485.21	\$ 8,745,169.29	\$ -	\$ 28,906,159.06
Money Market-Federated PRM	\$ -	\$ 12,140,976.01	\$ 3,284,352.01	\$ -	\$ -	\$ 15,425,328.02
Money Market-Federated Govt. Ob.	\$ -	\$ 22,064,864.16	\$ 16,924,067.86	\$ -	\$ -	\$ 38,988,932.02
Muni-Bonds	\$ -	\$ -	\$ 87,548,427.55	\$ -	\$ -	\$ 87,548,427.55
Fannie Mae-MBS	\$ -	\$ -	\$ 22,646,660.40	\$ -	\$ -	\$ 22,646,660.40
Treasury - Agency	\$ 9,998,400.00	\$ -	\$ 5,149,082.40	\$ 14,997,300.00	\$ -	\$ 30,144,782.40
Corporate Commercial Paper	\$ -	\$ -	\$ -	\$ 39,936,488.66	\$ -	\$ 39,936,488.66
Asset Backed Commercial Paper	\$ -	\$ -	\$ -	\$ 24,974,827.50	\$ -	\$ 24,974,827.50
Totals	\$ 31,517,565.98	\$ 42,422,344.73	\$ 147,497,075.43	\$ 88,653,785.45	\$ 22,569.10	\$ 310,113,340.69

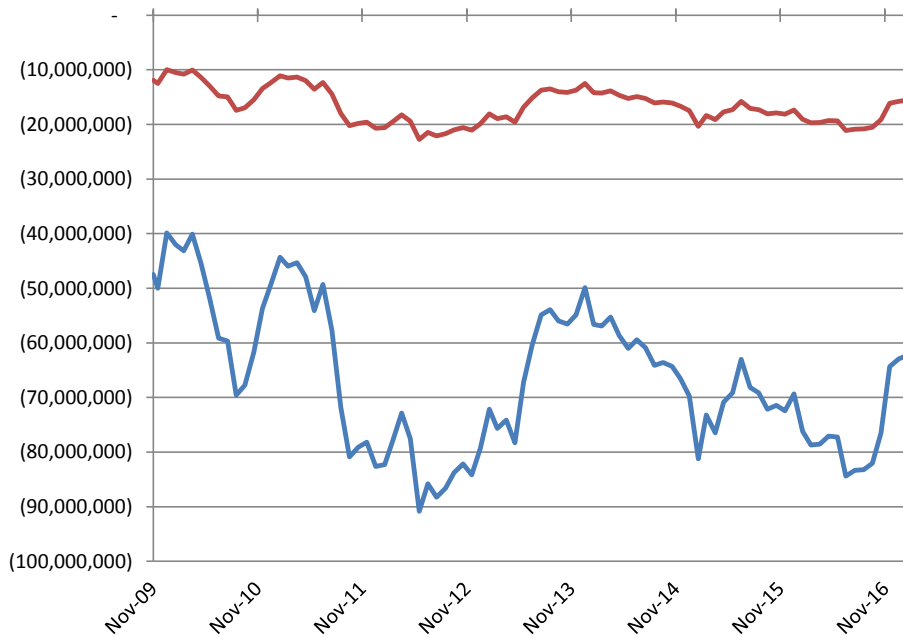


# Louisville and Jefferson County Metropolitan Sewer District

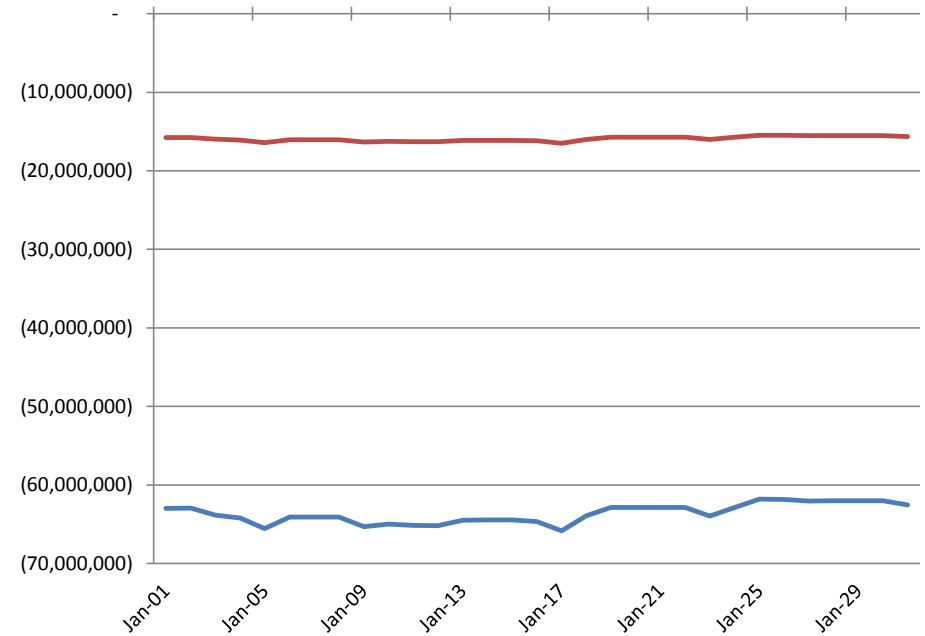
## Monthly Swap Report

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	1.58%	(\$61,197,852)
BofA/Merrill	2009-2	LIBOR Fixed Payer	11/15/2009	5/15/2033	45,284,000	4.4215%	67% of 1M LIBOR	1.58%	(15,308,503)
<b>TOTAL</b>					<b>\$226,000,000</b>			<b>TOTAL</b>	<b>(\$76,506,355)</b>

Historic Aggregate MTM (Inception to present)



Historic Aggregate MTM (last month)



All values reflect "mid-market" conditions as of market close 01/31/2017 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					
<b>Percent Expended to Date</b>													
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	0	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)	0	0	0	0	0

FY 2017 Performance Level Matrix Results	68.23%	97.11%	86.62%	89.84%	93.16%	96.38%	96.18%	0.00%	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	0	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	0	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	0	0	0	0	0
FY17 Actual versus Budget Results		14.44%	124.60%	157.64%	131.61%	133.94%	125.09%	118.34%	0.00%	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	0	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	0	0	0	0	0
FY17 Variance to Engineer's Estimate		-19.79%	-17.06%	-16.28%	-14.47%	-2.25%	-1.36%	0.40%	0.00%	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%	0.00%	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
<b>Total Violations - Cumulative</b>	<b>42</b>	<b>16</b>	<b>26</b>	<b>26</b>	<b>6</b>	<b>22</b>	<b>13</b>	<b>22</b>	<b>15</b>
<b>Violation Months</b>	<b>30</b>	<b>15</b>	<b>9</b>	<b>15</b>	<b>4</b>	<b>12</b>	<b>8</b>	<b>9</b>	<b>7</b>

**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	
<b>Total Discharges - Cumulative (b)</b>	<b>40</b>	<b>52</b>	<b>40</b>	<b>42</b>	<b>40</b>	<b>23</b>	<b>29</b>	<b>25</b>	<b>27</b>	
<b>Discharge Months</b>	<b>40</b>	<b>52</b>	<b>40</b>	<b>42</b>	<b>40</b>	<b>23</b>	<b>29</b>	<b>25</b>	<b>27</b>	

**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	4	5	4	5	3					
0	0	4	9	13	18	22					
0	0	1	2	3	4	6					

100.00% 100.00% 93.33% 90.00% 88.00% 86.67% 82.86%

FY17 Unauthorized Discharges											
July	August	Sept.	October	November	December	January	February	March	April	May	June
0	0	1	0	0	0	0					
0	0	1	0	0	0	1					
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	0	0					
1	1	0	0	0	2	1					
1	2	4	4	4	6	9					
1	2	4	4	4	6	9					

97.50% 97.50% 96.67% 97.50% 98.00% 97.50% 96.79%

Weighted Average

98.8% 98.8% 95.0% 93.8% 93.0% 92.1% 89.8%

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."

	<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>
<b>OSHA Recordable Injuries</b>												
Cumulative Number	1	4	6	6	7	7	7	0	0	0	0	0
Annualized	12	24	24	18	17	14	12	0	0	0	0	0
Percentage	30%	60%	60%	45%	42%	35%	30%	0%	0%	0%	0%	0%
<b>Lost Time due to Injury</b>												
Cumulative Number	3	5	7	7	8	9	10	0	0	0	0	0
Annualized	36	30	28	21	19	18	17	0	0	0	0	0
Percentage	106%	88%	82%	62%	56%	53%	50%	0%	0%	0%	0%	0%
<b>Preventable Accidents</b>												
Cumulative Number	3	9	13	17	18	23	29	0	0	0	0	0
Annualized	36	54	52	51	43	46	50	0	0	0	0	0
Percentage	55%	83%	80%	78%	66%	71%	76%	0%	0%	0%	0%	0%
<b>Weighted Average</b>	63.7%	77.1%	74.1%	61.7%	55.0%	52.9%	52.3%	0.0%	0.0%	0.0%	0.0%	0.0%

<u>Actual</u>	<u>OSHA</u>	<u>Lost</u>	<u>Preventable</u>
	<u>Rec. Inj.</u>	<u>Time</u>	<u>Accidents</u>
2011	55	21	83
2012	60	21	87
2013	44	28	60
2014	38	30	46
2015	54	39	50
2016	26	31	62
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

<u>Weighted Average Performance Goals</u>			
	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>
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>
<b>Service Requests - MSD Assets</b>												
Cumulative Service Requests	931	2,265	3,247	4,157	5,010	5,830	6,719	0	0	0	0	0
Annualized	11,172	13,590	12,988	12,472	12,023	11,660	11,519	0	0	0	0	0
Customers	255,292	255,292	255,426	255,050	255,649	255,779	255,928					
Percentage Free	95.6%	94.7%	94.9%	95.1%	95.3%	95.4%	95.5%					
<b>Drainage Service Requests</b>												
Cumulative Open Requests	1,663	3,566	5,281	6,885	8,335	9,696	11,065	0	0	0	0	0
Cumulative Open Requests < 9 Months	1,630	3,510	5,208	6,789	8,194	9,452	10,691	0	0	0	0	0
Percentage	98.0%	98.4%	98.6%	98.6%	98.3%	97.5%	96.6%					
<b>Backup Service Requests</b>												
Total Backup Requests	276	575	842	1,105	1,439	1,791	2,150	0	0	0	0	0
Backup Requests Responded to Within 4 Hours	272	554	817	1,067	1,378	1,693	2,022	0	0	0	0	0
Percentage	98.6%	96.3%	97.0%	96.6%	95.8%	94.5%	94.0%					
<b>Weighted Average</b>	97.4%	96.5%	96.8%	96.7%	96.4%	95.8%	95.4%	0.0%	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>&lt; 9 Months</u>	<u>%</u>	<u>Requests</u>	<u>&lt; 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%
<b>Weight</b>	<b>33%</b>			<b>33%</b>			<b>33%</b>		
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%	

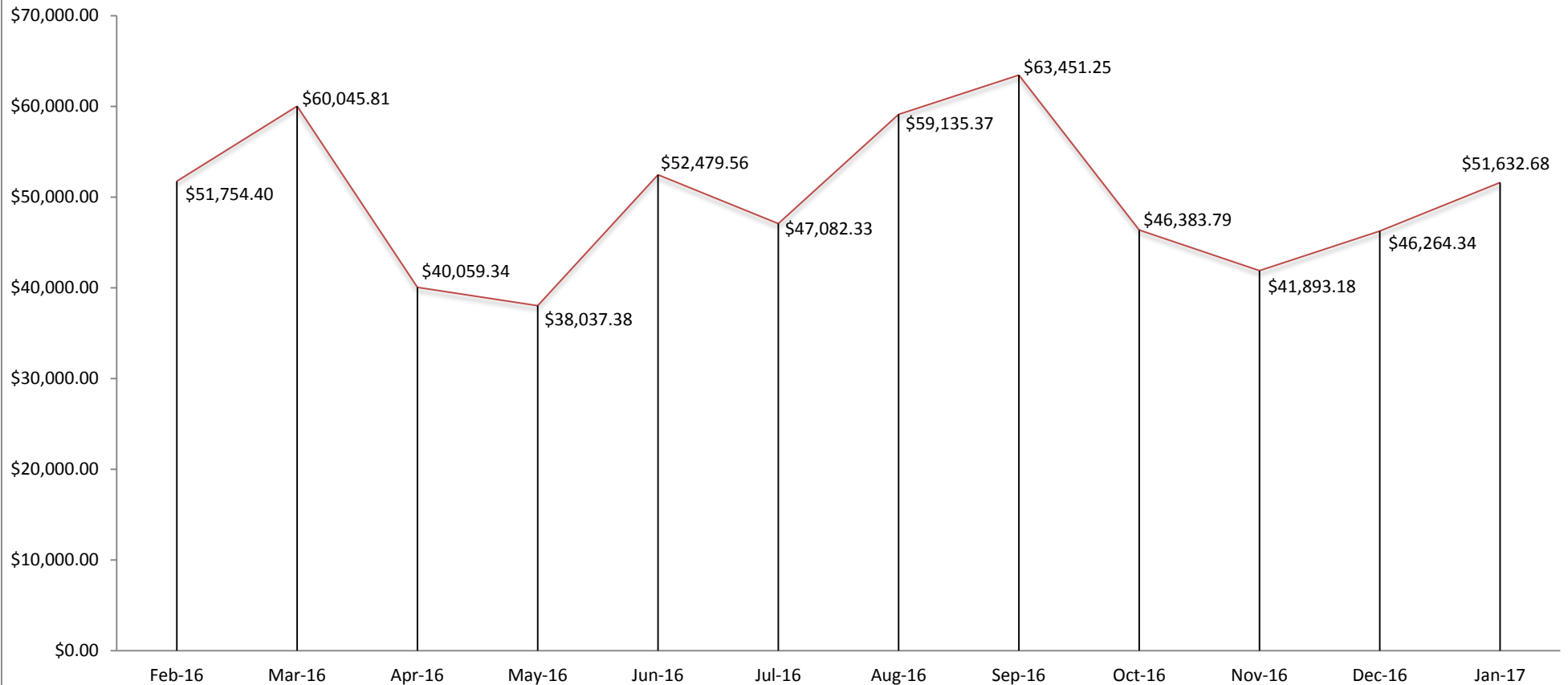
2014	91.90%	Fully Achieves
2015	91.57%	Fully Achieves
2016	95.52%	Commendable Achieves

<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: FEBRUARY 28, 2016 TO JANUARY 31, 2017



### P-cards issued= 114

#### Total violation = 11

- Sales Tax = 3
- Split charges = 0
- Lack of Receipts = 8
- Personal expense = 0
- Late receipt = 0
- 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 = 3
  - Design & Construction = 1

### Operations

- Administration = 1
- Collections Systems = 16
- Drainage & Flood Protection = 11
- Treatment Facilities (Maintenance) = 10
- Collections System (Sanitary) = 6
- Support Services = 15
- Treatment Facilities = 19
- Performance = 4

### Information Technology Division

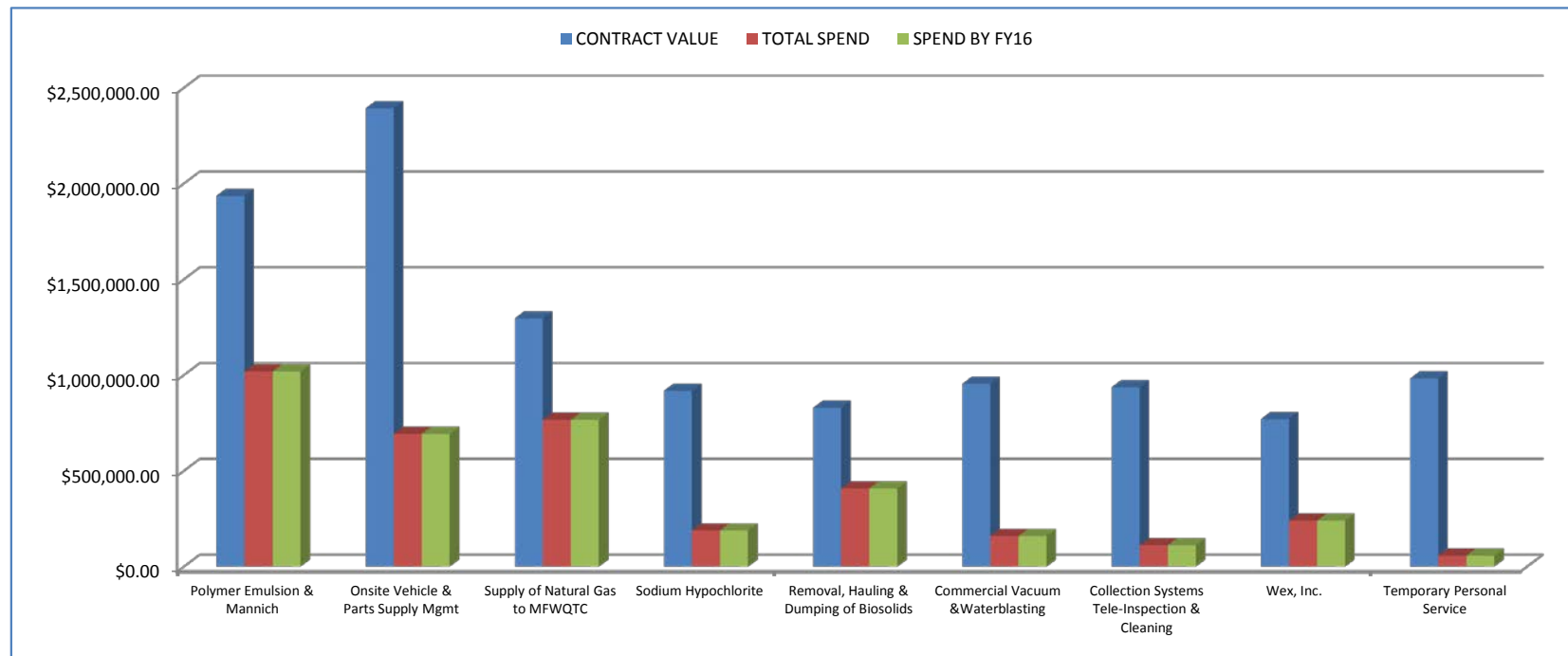
- Information Technology= 9

REPORT PREPARED BY: KEVIN SCHMIDT 2.10.17

**PURCHASING TOP 10 GOODS & SERVICES CONTRACTS**  
**TWELVE MONTH TOTAL SPEND BY PURCHASE ORDER**  
**REVIEW PERIOD: CONTRACT EFFECTIVE DATE THROUGH 1/31/2017**

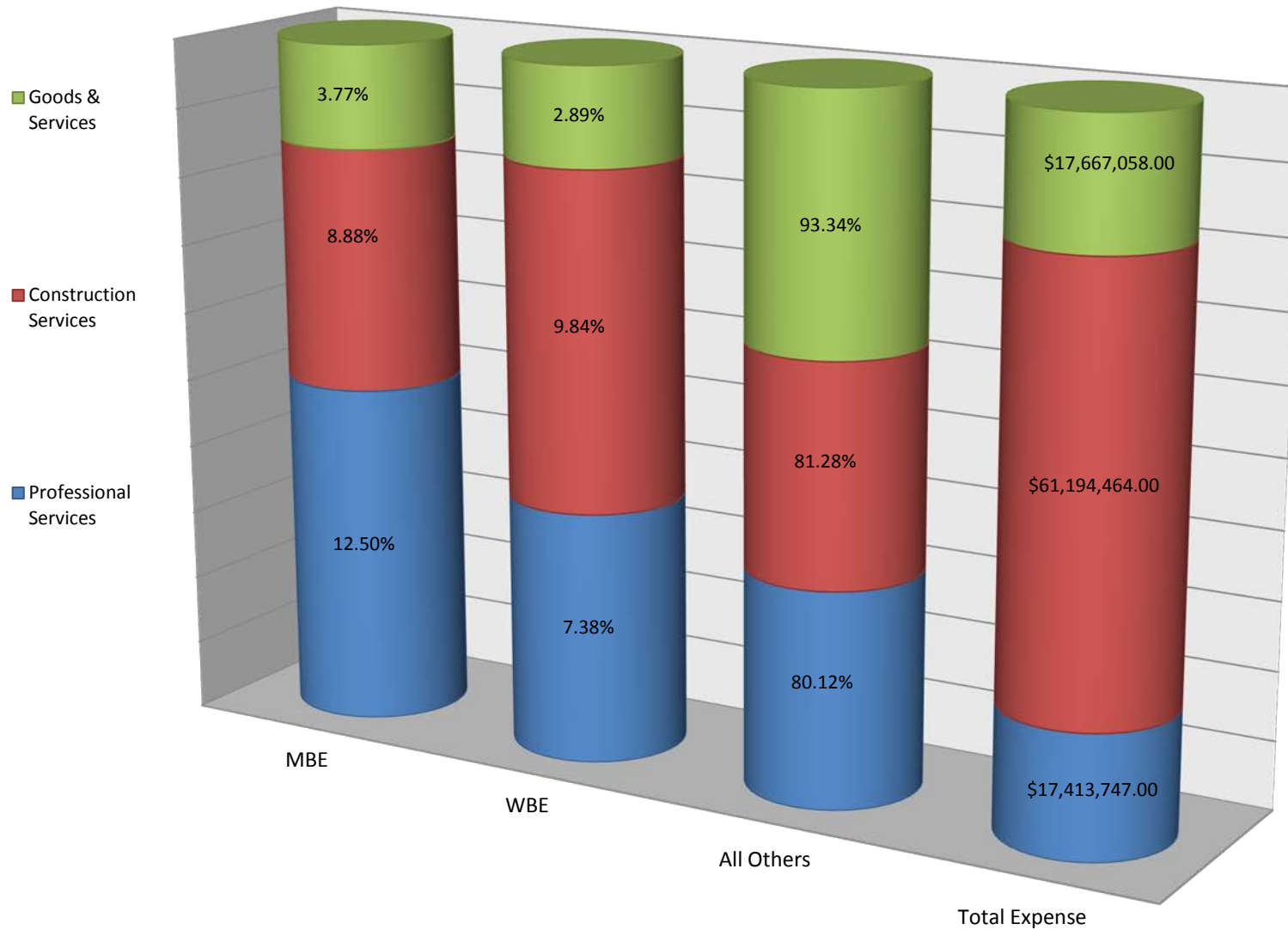
**TOTAL SPEND BY CONTRACT EFFECTIVE AND EXPIRATION DATE**

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	1/1/2015 - 12/31/2016	9/1/2016 - 8/31/2017	8/1/2015 - 7/31/2017	06/23/2015-06/30/2017
<b>PURCHASE ORDER VALUE</b>	\$ 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
<b>Contract Title / Company Name</b>	*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.)
<b>TOTAL SPEND BY CONTRACT EFFECTIVE AND EXPIRATION DATE</b>	\$ 1,018,602.82	\$ 692,692.29	\$ 766,306.63	\$ 189,794.29	\$ 409,171.90	\$ 160,240.65	\$ 111,599.29	\$ 239,399.33	\$ 56,648.15	\$ 1,013,109.90
<b>% SPEND</b>	52.6%	29.0%	59.1%	20.7%	49.3%	16.8%	11.9%	31.1%	10.0%	94.0%
<b>TOTAL SPEND BY FISCAL YEAR 2016</b>										
<b>EFFECTIVE JULY 1, 2015</b>	\$ 1,018,602.82	\$ 692,692.29	\$ 766,306.63	\$ 189,794.29	\$ 409,171.90	\$ 160,240.65	\$ 111,599.29	\$ 239,399.33	\$ 56,648.15	\$ 1,013,109.90



Prepared by: Kevin Schmidt 2.10.2017

**MBE/ WBE Expenditure Report  
YTD July 1, 2016 - January 31, 2017**



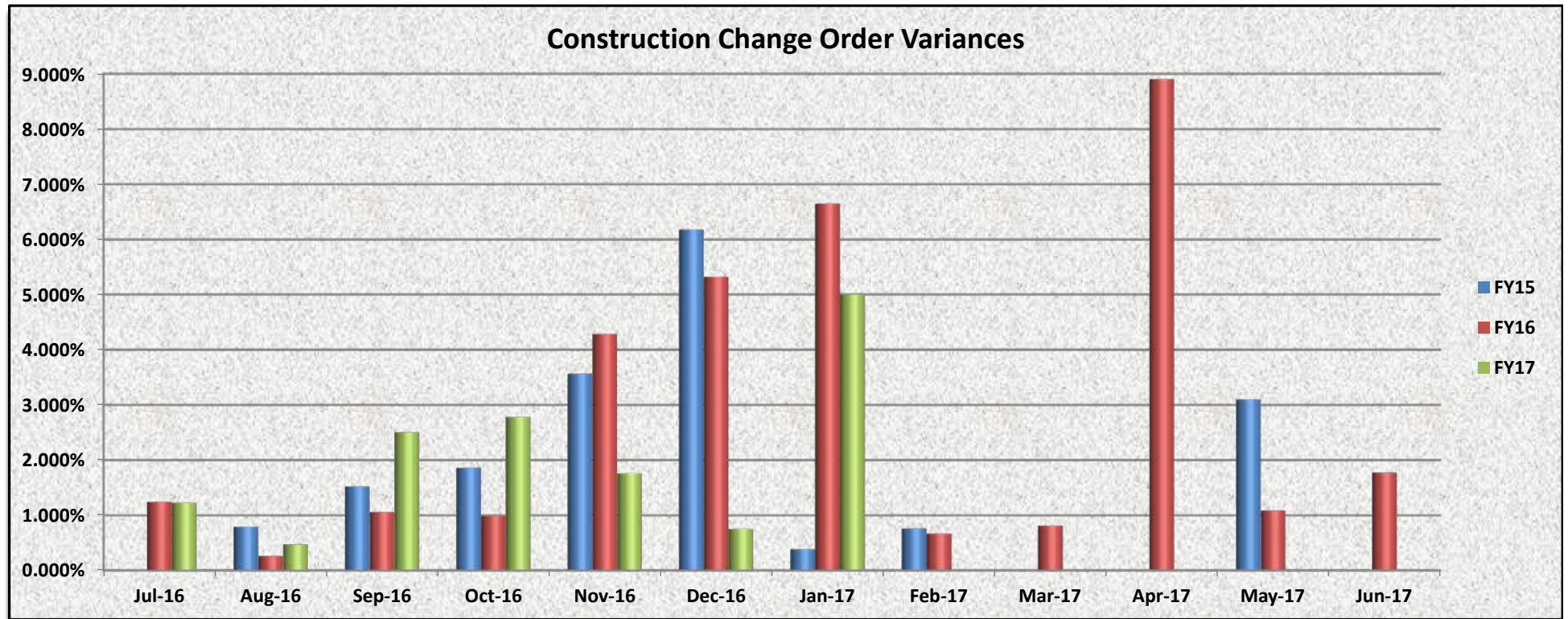
**Goals for Construction & Professional Services MBE 15% - WBE 6%**  
**Goals for Goods & Services (Purchasing) MBE 5% - WBE 3%**

CHART CREATED BY: K. Schmidt 2.9.2017

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%
<b>TOTAL</b>	<b>\$ 115,716,721.41</b>	<b>\$ 1,076,208.59</b>	<b>0.930%</b>

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%
<b>TOTAL</b>	<b>\$ 580,477,523.46</b>	<b>\$ 13,981,985.97</b>	<b>2.409%</b>

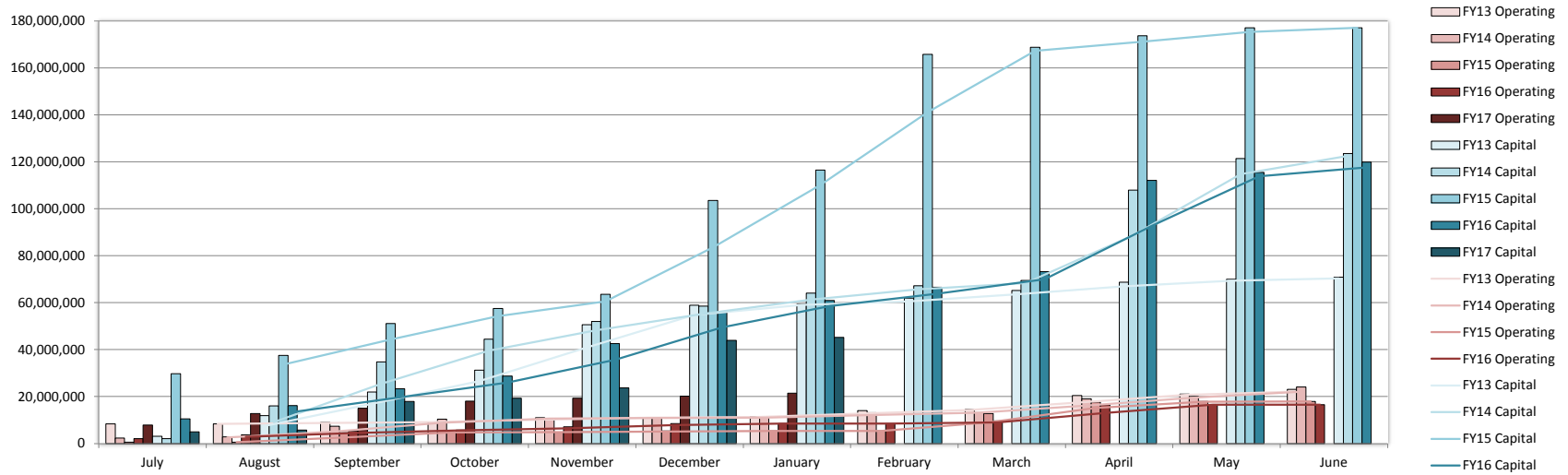
FY17			
MONTH	TOTAL ORIGINAL AMOUNT	TOTAL CHANGE ORDER AMOUNT	VARIANCE
Jul-16	\$ 42,233,687.74	\$ 516,165.36	1.222%
Aug-16	\$ 7,353,070.00	\$ 34,718.35	0.472%
Sep-16	\$ 66,294,656.29	\$ 1,657,535.00	2.500%
Oct-16	\$ 18,256,061.00	\$ 506,907.97	2.777%
Nov-16	\$ 91,399,252.90	\$ 1,609,674.12	1.761%
Dec-16	\$ 12,346,311.00	\$ 92,758.33	0.751%
Jan-17	\$ 1,689,993.00	\$ 84,502.10	5.000%
Feb-17			
Mar-17			
Apr-17			
May-17			
Jun-17			
<b>TOTAL</b>	<b>\$ 239,573,031.93</b>	<b>\$ 4,502,261.23</b>	<b>1.879%</b>



BOARD MEETING ACTIONS 01-23-17				
<u>DESCRIPTION</u>	<u>DEPARTMENT</u>	<u>ACCOUNT</u>	<u>OPERATING</u>	<u>CAPITAL</u>
Webster Environmental Assc / Odor Control Systems	D17119 - Engineering	52140 - Professional Services		\$130,000
Temple & Temple Excavating & Paving / Flood gate 136 & 145	F16021 - Engineering	56216 - Construction		\$357,331
Tetra Tech Inc / Feasibility Study	F16080 - Engineering	52140 - Professional Services		\$80,000
AECOM / MS4 Permit Implementation	H14099 - Engineering	52140 - Professional Services		\$594,086
CE Powers Solution / MFWTP Transformer	7320072 - Morris Forman General	52160 - Maintenance & Repairs	\$85,960	
Advanced Electrical Systems / SWOR2 Generator	H16357 - Engineering	56216 - Construction		\$94,500
SAP Public Services / Licenses	8330631 - IT	52160 - Maintenance & Repairs	\$154,457	
Bentley Systems Inc / eB Document Mgmnt System	8330631 - IT	52160 - Maintenance & Repairs	\$140,000	
ESRI Inc / ESRI License Agreement	8321111 - IT LOJIC	52160 - Maintenance & Repairs	\$440,000	
Evapar / Generator Repair & Preventative Maintenance	Various Departments	52195 - Other Contract Services	\$84,400	
JR Hoe & Sons / Industrial Castings	Various Departments	53140 - Materials & Supplies	\$90,000	
Ricoh USA / Service Contract	3220511 - Office Services	52160 - Maintenance & Repairs	\$128,500	
CDW Government / Audit of MS Products	8330631 - IT	52140 - Professional Services	\$159,793	
		<b>JANUARY TOTALS</b>	<u>\$1,283,110</u>	<u>\$1,255,917</u>
		<b>Y-T-D TOTALS</b>	<u><u>\$21,495,954</u></u>	<u><u>\$45,210,275</u></u>

Prepared by: Patrick Meador

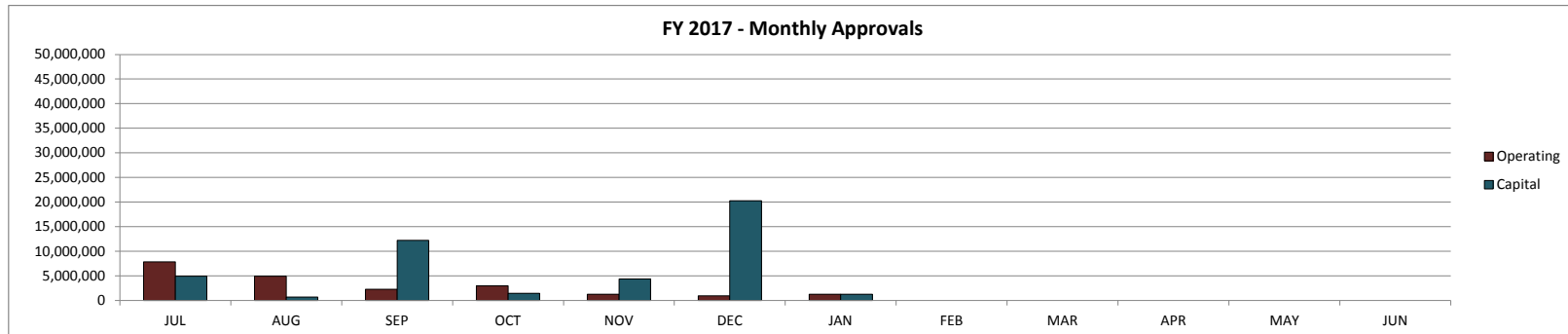
**Fiscal Years Comparison - YTD Approvals  
FY 2013 through FY 2017**



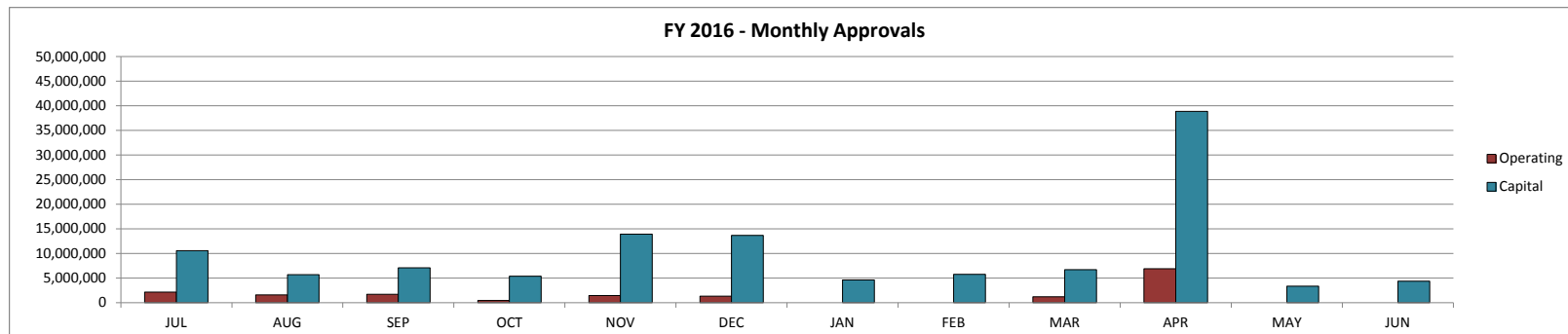
<b>2017</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>December</b>	<b>January</b>	<b>February</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>Total</b>	<b>Percentage</b>
<b>Operating</b>	7,831,807	12,753,572	15,022,531	17,990,429	19,266,502	20,212,844	21,495,954	0	0	0	0	0	21,495,954	32%
<b>Capital</b>	4,939,806	5,666,257	17,864,223	19,351,195	23,713,557	43,954,358	45,210,275	0	0	0	0	0	45,210,275	68%
<b>Total</b>	<b>12,771,613</b>	<b>18,419,829</b>	<b>32,886,754</b>	<b>37,341,624</b>	<b>42,980,059</b>	<b>64,167,202</b>	<b>66,706,229</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>66,706,229</b>	<b>100%</b>

Prepared by: Patrick Meador



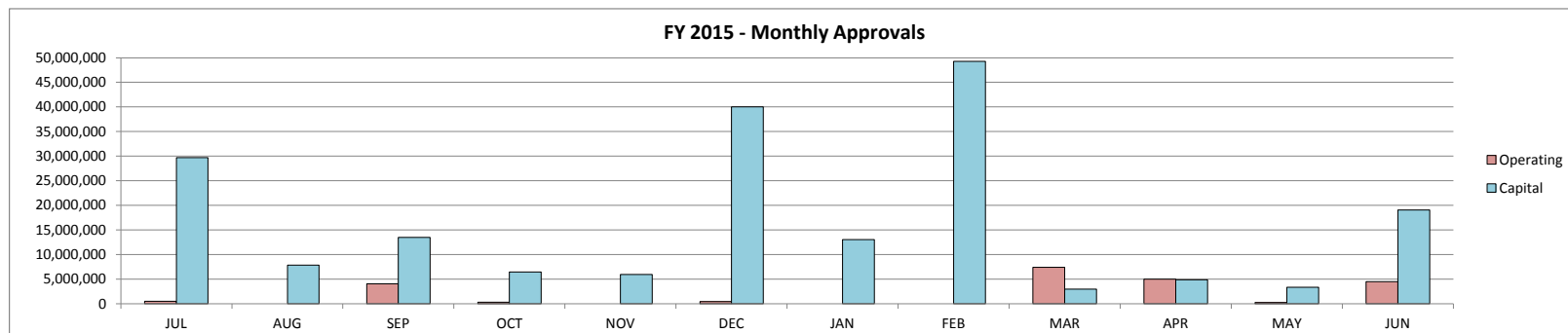


<u>2017</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>	<u>Percentage</u>
Operating	7,831,807	4,921,765	2,268,959	2,967,898	1,276,073	946,342	1,283,110	0	0	0	0	0	21,495,954	32%
Capital	4,939,806	726,451	12,197,966	1,486,972	4,362,362	20,240,801	1,255,917	0	0	0	0	0	45,210,275	68%
<b>Total</b>	<b>12,771,613</b>	<b>5,648,216</b>	<b>14,466,925</b>	<b>4,454,870</b>	<b>5,638,435</b>	<b>21,187,143</b>	<b>2,539,027</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>66,706,229</b>	<b>100%</b>

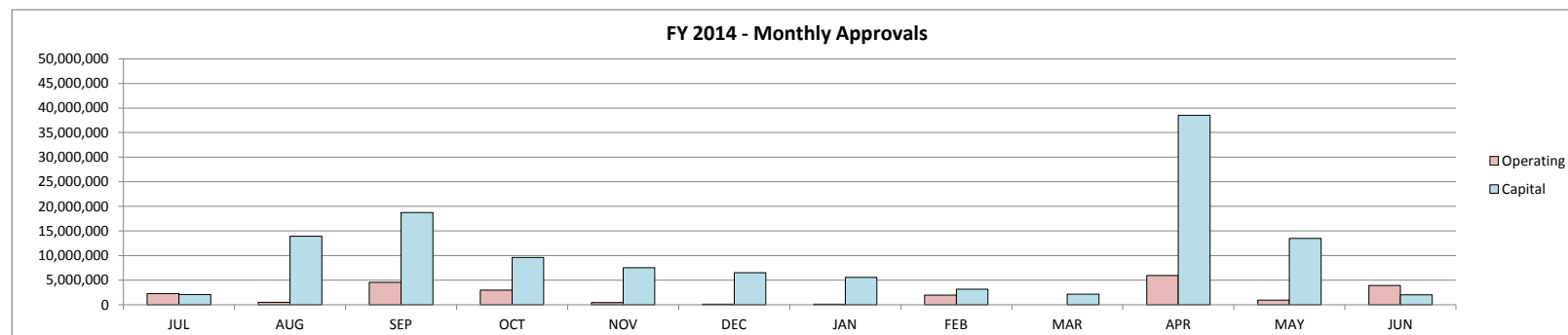


<u>2016</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>	<u>Percentage</u>
Operating	2,106,697	1,564,811	1,670,350	400,000	1,423,300	1,296,583	0	0	1,172,755	6,861,107	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%
<b>Total</b>	<b>12,652,828</b>	<b>7,212,885</b>	<b>8,773,223</b>	<b>5,791,209</b>	<b>15,341,234</b>	<b>14,968,105</b>	<b>4,630,083</b>	<b>5,736,777</b>	<b>7,845,215</b>	<b>45,711,107</b>	<b>3,336,465</b>	<b>4,367,515</b>	<b>136,366,646</b>	<b>100%</b>

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<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%
<b>Total</b>	<b>30,251,349</b>	<b>7,848,025</b>	<b>17,536,249</b>	<b>6,821,392</b>	<b>5,971,443</b>	<b>40,432,501</b>	<b>13,026,599</b>	<b>49,272,656</b>	<b>10,387,368</b>	<b>9,890,571</b>	<b>3,604,890</b>	<b>23,533,336</b>	<b>218,576,379</b>	<b>100%</b>



<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%
<b>Total</b>	<b>4,416,271</b>	<b>14,493,361</b>	<b>23,288,668</b>	<b>12,612,090</b>	<b>7,968,640</b>	<b>6,711,536</b>	<b>5,720,319</b>	<b>5,175,673</b>	<b>2,201,305</b>	<b>44,494,221</b>	<b>14,470,977</b>	<b>6,014,794</b>	<b>147,567,855</b>	<b>100%</b>

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**Open Construction Orders Report**  
**As of January 31, 2017**

<u>Date Created</u>	<u>Vendor</u>	<u>Project Name</u>	<u>PO Amount</u>	<u>PO Amount Remaining Open</u>	<u>Completion Scheduled</u>	<u>Status</u>
11/20/2013	Pace Contracting	Grand Avenue Pump Station	\$11,933,878	\$407,680	12/16/2016	Under Construction
6/9/2014	Hall Contracting of KY	Bells Ln Wet Weather Treatment Facility	\$41,984,420	\$8,159,789	6/29/2017	Under Construction
6/24/2014	Judy Construction Company	Fairmount PS & SSO Storage Basin	\$11,650,549	\$133,311	3/31/2016	Construction Complete
9/24/2014	Garney Companies	Logan CSO Interceptor	\$31,514,352	\$1,611,353	5/9/2017	Under Construction
12/12/2014	Pace Contracting	Bancroft Pump Station & Storage Basin	\$4,838,485	\$50,000	10/1/2016	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	\$10,217,491	10/24/2016	Under Construction
2/24/2015	Smith Contractors	Hite Creek Interim Hydraulic Improvements	\$9,074,751	\$198,179	10/31/2016	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	Pace Contracting	Muddy Fork Interceptor SSO Basin	\$6,622,960	\$334,644	10/30/2016	Under Construction
3/23/2015	KLB Property Maintenance	Boarding/Mowing/Debris Pickup Maple St	\$19,500	\$9,560	12/31/2016	Under Construction
3/31/2015	Walsh Construction	Logan CSO Basin	\$49,538,628	\$19,556,785	10/18/2017	Under Construction
8/10/2015	Dugan & Meyers Construction	DRG WQTC Sec Clarifiers 1-3 Mechanism Replace	\$1,774,495	\$563,253	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	\$2,779,761	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	\$3,650,705	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	\$1,401,075	3/2/2017	Under Construction
1/21/2016	Thieneman Construction	MFWQTC Oxygen Generation & Supply Site	\$4,971,952	\$1,531,256	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	\$406,593	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
5/2/2016	Pace Contracting	MFWQTC Drying System Condenser Upgrades	\$310,000	\$67,935	9/26/2016	Under Construction
5/18/2016	Triumph Landscape Construction	8221 Shepherdsville Road DIP	\$119,041	\$25,775	8/18/2016	Construction Complete
5/26/2016	MAC Construction	Camp Taylor SSR 2A	\$7,791,000	\$6,694,941	8/28/2017	Under Construction
6/2/2016	Pace Contracting	4th St FPS Improvements	\$2,922,000	\$2,886,900	12/3/2017	Under Construction
6/2/2016	MAC Construction	Clifton Heights CSO Basin	\$23,620,538	\$20,375,955	8/30/2018	Under Construction
6/23/2016	Pace Contracting	Muddy Fork Force Main	\$317,000	\$15,945	1/19/2017	Under Construction
7/19/2016	B&R Contracting	705 Fountain Ave DIP	\$29,650	\$29,650	10/19/2016	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	\$794,424	12/31/2018	Design Phase
7/29/2016	Basham Construction	Camp Taylor SSR Areas 2B & 4	\$7,470,000	\$6,370,205	8/28/2017	Under Construction
8/5/2016	Pace Contracting	MFWQTC Access Platforms	\$237,600	\$105,271	2/26/2017	Under Construction

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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	\$2,280,000	\$1,634,868	10/1/2017	Under Construction
8/31/2016	MAC Construction	Levee Trail Repair	\$264,935	\$264,935	12/1/2016	Construction Complete
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
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	\$878,781	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	\$66,080	4/8/2017	Under Construction
10/14/2016	Smith Contractors	Portland CSO Basin Interceptor	\$4,462,078	\$3,394,498	6/5/2017	Under Construction
10/19/2016	Allterrain Paving & Construction	7107 John Adams Way DIP	\$70,738	\$70,738	1/15/2017	Under Construction
10/20/2016	Basham Construction	1731 Shelby Road DIP	\$49,000	\$49,000	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	\$3,401,362	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	7719 Greenlawn Road DIP	\$19,000	\$19,000	1/13/2017	Awaiting Start
11/28/2016	B&R Contracting	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	\$9,900	\$9,900	1/31/2017	Awaiting Start
12/9/2016	B&R Contracting	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
12/9/2016	Advanced Paving & Construction	Glen Lakes Section 2 Infrastructure Completion	\$34,200	\$34,200	3/9/2017	Under Construction
12/13/2016	Pace Contracting	FY17 Floodwall Closure Upgrades	\$306,900	\$306,900	7/31/2017	Awaiting Start
12/14/2016	K Weihe Construction	1816 Cassleberry Road DIP	\$9,650	\$9,650	1/27/2017	Awaiting Start
12/14/2016	K Weihe Construction	1850 Princeton Drive DIP	\$9,150	\$9,150	1/27/2017	Awaiting Start
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	\$473,000	4/30/2017	Awaiting Start
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	2534 Veronica Drive DIP	\$20,000	\$20,000	6/30/2017	Under Construction
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	\$5,800	\$5,800	2/17/2017	Awaiting Start
1/23/2017	Excel Excavating	Levee Toe Drain Access Structures	\$591,000	\$591,000	8/21/2017	Awaiting Start
1/24/2017	K Weihe Construction	Dove Lake Court Bank Repair	\$9,800	\$9,800	3/24/2017	Awaiting Start
1/24/2017	DD Midori Construction	2510 Grinstead Drive DIP	\$14,474	\$14,474	2/24/2017	Awaiting Start
1/25/2017	Temple & Temple Excavating	Floodgate 136 Actuator Replace & Gate 145	\$532,900	\$532,900	9/30/2017	Awaiting Start
1/25/2017	Merrick Construction Companies	Starkey PS Bridge Crane Roof Structure	\$89,847	\$80,548	5/31/2017	Under Construction
1/25/2017	Advanced Electrical Systems	RTC SWOR2 Backup Generator	\$94,500	\$94,500	6/30/2017	Awaiting Start

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1/26/2017	DD Midori Construction	Chesapeake Bay DIP	\$59,000	\$59,000	4/30/2017	Awaiting Start
1/26/2017	Basham Construction	Ashby Lane Bank Repair	\$62,900	\$62,900	4/30/2017	Awaiting Start
1/31/2017	Triumph Landscape Construction	Sunday Drive DIP	\$63,385	\$63,385	4/30/2017	Awaiting Start
<b>Total</b>			<b>\$319,795,638</b>	<b>\$106,357,157</b>		



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