

**FINANCIAL REPORT**  
**JUNE 2016**





**METROPOLITAN SEWER DISTRICT**  
**MONTHLY FINANCIAL REPORT**  
**JUNE 2016**

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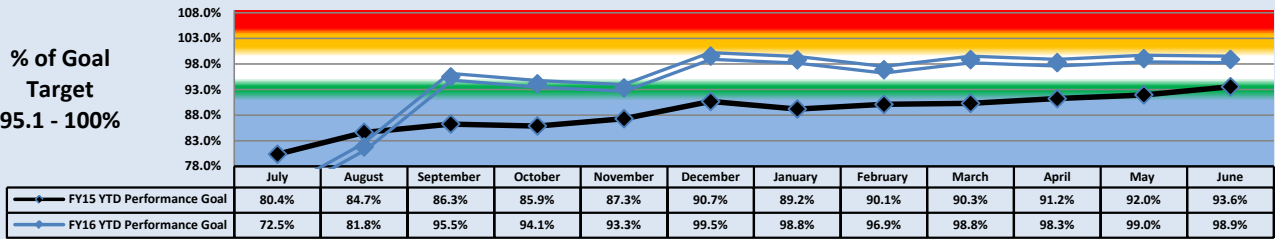
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# FY 2016 MSD Performance Metrics

## Operational Expense

FY16 \$116,021,156

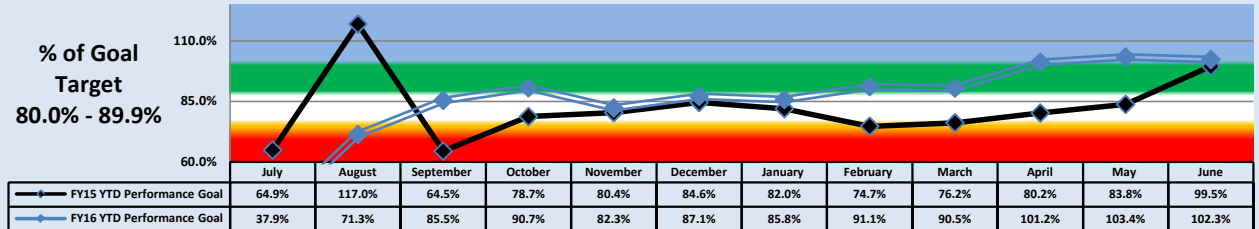
% of Goal  
Target  
95.1 - 100%



## Capital Expense

FY16 \$187,476,329

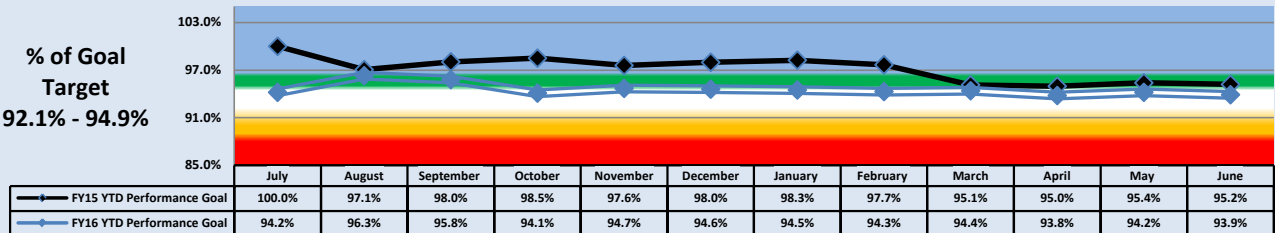
% of Goal  
Target  
80.0% - 89.9%



## Regulatory

Violation Free Months

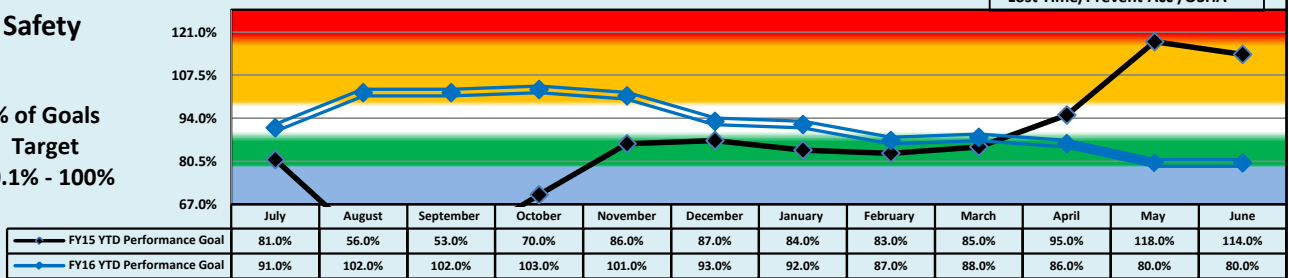
% of Goal  
Target  
92.1% - 94.9%



## Safety

Lost Time/Prevent Acc /OSHA

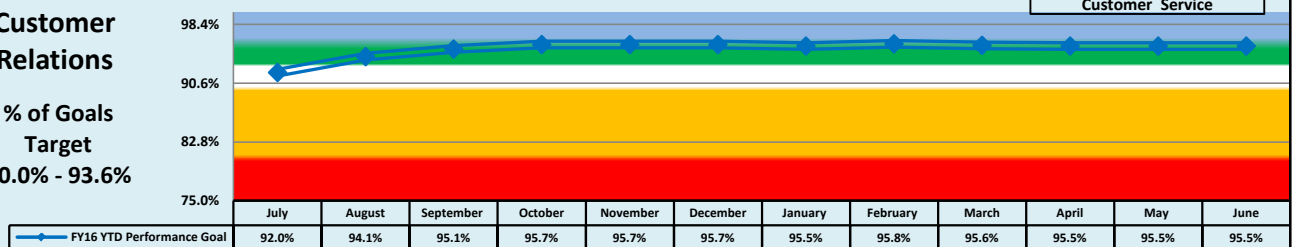
% of Goals  
Target  
90.1% - 100%



## Customer Relations

Customer Service

% of Goals  
Target  
90.0% - 93.6%



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MSD  
FINANCIAL OVERVIEW  
NET INCOME ANALYSIS  
JUNE 2016  
*(PRELIMINARY & UNAUDITED)*

**NET INCOME:**

Net Income (thousands)	YTD FY 2016	YTD FY 2015	Variance	% Change	FYTD 2016 Budget	FY 2016 Budget Var	%
<b>Net Operating Income</b>	<b>99,098</b>	<b>90,429</b>	<b>8,669</b>	<b>9.59%</b>	<b>91,601</b>	<b>7,497</b>	<b>8.18%</b>
Investment Income	17,278	17,623	(345)	(1.96%)	18,900	(1,622)	(8.58%)
Interest Expense	(75,502)	(71,334)	(4,168)	(5.84%)	(78,800)	3,298	4.19%
Other Non-operating	-	4,605	(4,605)	(100.00%)	-	-	
<b>Net Income before Swaps</b>	<b>40,874</b>	<b>41,324</b>	<b>(450)</b>	<b>(1.09%)</b>	<b>31,701</b>	<b>9,173</b>	<b>28.94%</b>
Change in Fair Value/Swap	(22,951)	(5,240)	(17,711)	(338.00%)		(22,951)	
<b>Total Net Income</b>	<b>\$ 17,922</b>	<b>\$ 36,084</b>	<b>\$ (18,161)</b>	<b>(50.33%)</b>	<b>\$ 31,701</b>	<b>\$ (13,778)</b>	<b>(43.46%)</b>

- Net Operating Income for FY 2016 is \$99.1 million compared to \$90.4 million for the same period last year, an increase of \$8.7 million or 9.6% and is \$7.5 million or 8.2% more than budget FYTD.
- Investment Income for FY 2016 of \$17.3 million is \$.3 million or 2.0% less than the same period last year. FYTD investment income is \$1.6 million or 8.6% less than budget.
- Interest Expense for FY 2016 is \$4.2 million or 5.8% more than the same period last year. FYTD interest expense is \$3.3 million or 4.19% less than budget which is partially due to the amortization of the 2015 BAN premium.
- Net Income before Swaps totaled \$40.8 million compared to \$41.3 million for the same period last year, a decrease of \$0.5 million or 1.1% and is \$9.2 million or 28.9% more than budget FYTD.
- Total Net Income/(loss) including MTM change on swaps totaled \$17.9 million, \$18.1 million less than the same period last year, and is \$13.8 million or 43.4% less than budget FYTD.

Submitted by: Brad Good  
July 25, 2016

MSD  
FINANCIAL OVERVIEW  
REVENUE & EXPENSE ANALYSIS  
JUNE 2016  
*(PRELIMINARY & UNAUDITED)*

**REVENUES:**

Revenue (thousands)	YTD FY 2016	YTD FY 2015	Variance	% Change	FYTD 2016 Budget	FY 2016 Budget Var	%
Wastewater	183,592	173,895	9,697	5.58%	180,041	3,551	1.97%
Stormwater	54,888	51,567	3,322	6.44%	55,210	(321)	(0.58%)
Other	4,810	4,406	404	9.16%	4,499	311	6.90%
<b>Total Operating Revenue</b>	<b>\$ 243,290</b>	<b>\$ 229,869</b>	<b>\$ 13,422</b>	<b>5.84%</b>	<b>\$ 239,751</b>	<b>\$ 3,540</b>	<b>1.48%</b>

- Total Operating Revenue for FY 2016 was \$243.3 million compared to \$229.9 million for the same period last year, an increase of \$13.4 million or 5.8% and is \$3.5 million or 1.5% more than budgeted revenues.
- Wastewater Service Charges totaled \$183.6 million for the year. This is an increase of \$9.7 million or 5.6% from last year and \$3.6 million or 2.0% more than budget.
- Stormwater service charges were \$54.9 million for the year, an increase of \$3.3 million or 6.4% from last year and \$0.3 million or 0.6% less than budget.
- Other income was \$0.4 million or 9.2% more than the amount recorded one year ago and is \$0.3 or 6.9% more than budget.

**OPERATING EXPENSES:**

Expenses (thousands)	YTD FY 2016	YTD FY 2015	Variance	% Change	FYTD 2016 Budget	FY 2016 Budget Var	%
Service & Admin Costs	82,890	76,118	6,772	8.90%	84,150	(1,260)	(1.50%)
Depreciation	61,302	63,321	(2,019)	(3.19%)	64,000	(2,698)	(4.22%)
<b>Total Operating Expenses</b>	<b>\$ 144,192</b>	<b>\$ 139,439</b>	<b>4,753</b>	<b>3.41%</b>	<b>\$ 148,150</b>	<b>\$ (3,958)</b>	<b>(2.67%)</b>

- Service & Administrative Costs of \$82.9 million for FY 2016 is \$6.8 million or 8.9% more than the same period last year and \$1.3 million or 1.5% less than FYTD budget.
- Total Operating Expense for FY 2016 was \$144.2 million which is 3.2% or \$4.8 million more than the same period last year and 2.7% or \$4.0 million less than FYTD budget.

Submitted by: Brad Good  
July 25, 2016

**STATEMENT OF CHANGES IN NET POSITION, JUNE 30, 2016**  
**(PRELIMINARY & UNAUDITED)**

June 2016	June 2015	VARIANCE	%		YTD June 2016	YTD June 2015	VARIANCE	%
8,861,732.31	9,178,170.94	(316,438.63)	(0.03)	Sewer Charges	101,405,158.02	96,562,777.66	4,842,380.36	0.05
4,039,805.95	4,187,259.29	(147,453.34)	(0.04)	Residential	58,343,073.06	62,257,211.14	(3,914,138.08)	(0.06)
1,608,518.81	1,885,907.17	(277,388.36)	(0.15)	Commercial	19,878,342.90	17,605,740.10	2,272,602.80	0.13
533,592.29	164,386.45	369,205.84	2.25	Industrial	8,185,898.06	2,805,971.76	5,379,926.30	1.92
(289,595.21)	(172,263.40)	(117,331.81)	0.68	Other	(4,220,358.84)	(5,336,220.57)	1,115,861.73	(0.21)
14,754,054.15	15,243,460.45	(489,406.30)	(0.03)	Free Sewer Charges	183,592,113.20	173,895,480.09	9,696,633.11	0.06
				Total Sewer Charges				
4,569,487.98	4,669,187.35	(99,699.37)	(0.02)	Drainage Charges	54,888,330.93	51,566,794.75	3,321,536.18	0.06
19,323,542.13	19,912,647.80	(589,105.67)	(0.03)	Total Service Charges	238,480,444.13	225,462,274.84	13,018,169.29	0.06
596,279.56	449,899.73	146,379.83	0.33	Other Operating Income	4,809,912.28	4,406,375.76	403,536.52	0.09
19,919,821.69	20,362,547.53	(442,725.84)	(0.02)	Total Operating Revenue	243,290,356.41	229,868,650.60	13,421,705.81	0.06
				Operating Expenses				
3,841,084.80	3,609,932.29	231,152.51	0.06	Salaries & Wages	40,221,621.20	38,447,242.83	1,774,378.37	0.05
292,991.52	1,340,960.78	(1,047,969.26)	(0.78)	Labor Related Overhead	14,422,505.93	15,803,685.82	(1,381,179.89)	(0.09)
1,341,207.28	1,276,019.88	65,187.40	0.05	Utilities	18,256,026.94	13,817,279.95	4,438,746.99	0.32
(3,771,774.16)	1,617,843.65	(5,389,617.81)	(3.33)	Materials & Supplies	4,151,515.92	9,706,108.08	(5,554,592.16)	(0.57)
6,818,628.09	3,166,728.18	3,651,899.91	1.15	Contractual Services	28,041,045.10	20,942,687.76	7,098,357.34	0.34
632,848.36	435,779.15	197,069.21	0.45	Chemicals	4,371,507.20	3,681,146.63	690,360.57	0.19
113,882.23	164,391.12	(50,508.89)	(0.31)	Fuel	1,325,815.63	1,616,410.53	(290,594.90)	(0.18)
(247,585.79)	115,191.67	(362,777.46)	(3.15)	Insurance Premiums & Claims	1,315,921.51	1,505,003.31	(189,081.80)	(0.13)
204,730.26	941,866.25	(737,135.99)	(0.78)	Bad Debt	2,602,781.07	2,067,878.46	534,902.61	0.26
(85,913.97)	287,752.07	(373,666.04)	(1.30)	Other Operating Expense	939,132.40	1,052,099.36	(112,966.96)	(0.11)
90,000.00	(2,000,000.00)	2,090,000.00		Mapping/Insurance Recovery	(928,097.00)	(2,465,137.00)	1,537,040.00	
(3,507,040.88)	(3,103,831.22)	(403,209.66)	0.13	Capitalized Overhead	(31,829,521.45)	(30,056,239.02)	(1,773,282.43)	0.06
(0.00)	-	(0.00)		Capital Expenses (over)/under applied	-	-	-	
5,723,057.74	7,852,633.82	(2,129,576.08)	(0.27)	Total Service and Administrative Costs	82,890,254.45	76,118,166.71	6,772,087.74	0.09
4,919,282.72	5,030,098.48	(110,815.76)	(0.02)	Depreciation	60,021,760.97	62,011,731.46	(1,989,970.49)	(0.03)
104,697.12	108,756.15	(4,059.03)	(0.04)	Amortization	1,280,405.44	1,309,396.80	(28,991.36)	(0.02)
5,023,979.84	5,138,854.63	(114,874.79)	(0.02)	Total Depreciation/Amortization	61,302,166.41	63,321,128.26	(2,018,961.85)	(0.03)
10,747,037.58	12,991,488.45	(2,244,450.87)	(0.17)	Total Operating Expenses	144,192,420.86	139,439,294.97	4,753,125.89	0.03
9,172,784.11	7,371,059.08	1,801,725.03	0.24	Net Operating Income	99,097,935.55	90,429,355.63	8,668,579.92	0.10
				Non-Operating Revenue (Expenses)				
-	-	-		Gain/Loss Disposal of Assets	-	-	-	
1,512,419.12	853,245.08	659,174.04	0.77	Investment Income	17,277,656.50	17,622,612.27	(344,955.77)	(0.02)
(6,880,535.86)	(3,927,359.72)	(2,953,176.14)	0.75	Interest Expense	(75,502,052.59)	(71,333,757.97)	(4,168,294.62)	0.06
(5,368,116.74)	(3,074,114.64)	(2,294,002.10)	0.75	Total Non-Operating Revenue (Expenses)	(58,224,396.09)	(53,711,145.70)	(4,513,250.39)	0.08
-	3,774,264.46	(3,774,264.46)		Contributions	-	4,605,389.46	(4,605,389.46)	
3,804,667.37	8,071,208.90	(4,266,541.53)	(0.53)	Change in Net Position before change in Swaps	40,873,539.46	41,323,599.39	(450,059.93)	(0.01)
(7,540,014.58)	7,413,326.01	(14,953,340.59)	(2.02)	Change in Fair Value of Swaps	(22,951,371.89)	(5,240,061.29)	(17,711,310.60)	3.38
(3,735,347.21)	15,484,534.91	(19,219,882.12)	(1.24)	Change in Net Position after change in Swaps	17,922,167.57	36,083,538.10	(18,161,370.53)	(0.50)

Prepared by: Brad Good  
7/27/2016

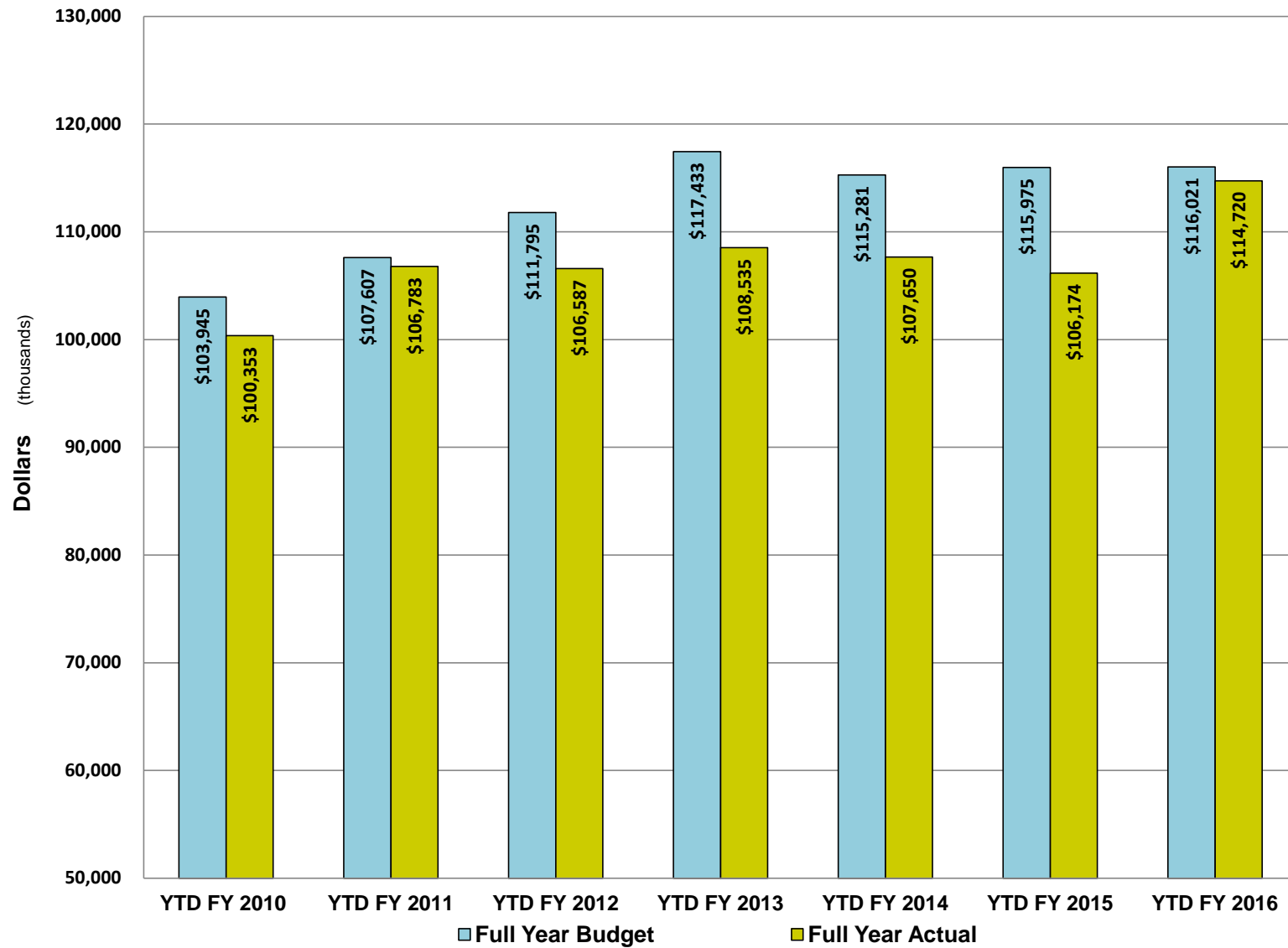
**STATEMENT OF NET POSITION, JUNE 30, 2016**

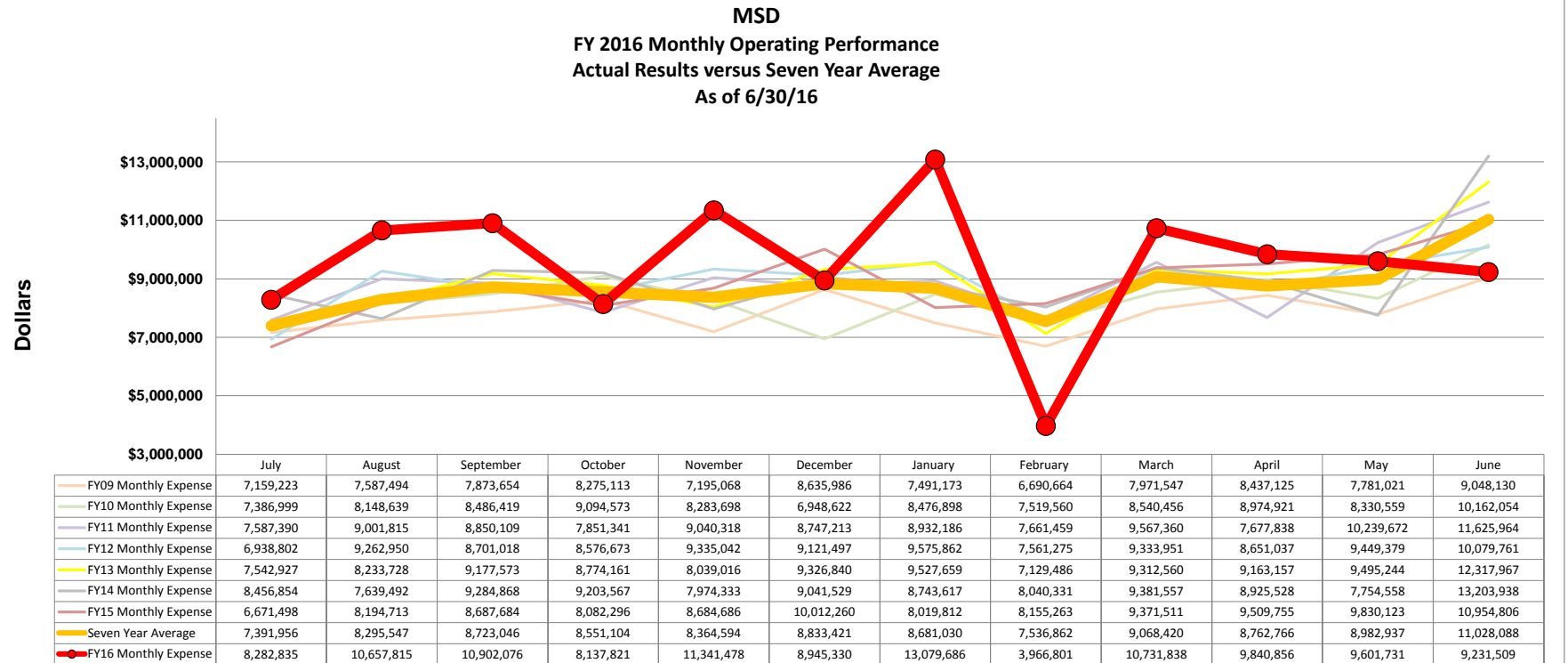
**(PRELIMINARY & UNAUDITED)**

	Reporting period JUNE 2016	Reporting period JUNE 2015	VARIANCE	
<b>Current Assets</b>				
Unrestricted Cash & Cash Equivalents	69,557,725.79	63,113,411.57	6,444,314.22	0.10
Sewer & Drainage Receivable	17,814,338.89	19,858,843.32	(2,044,504.43)	(0.10)
Assessment Warrants Receivable	910,100.16	1,844,417.79	(934,317.63)	(0.51)
Miscellaneous Receivables	7,354,246.36	2,083,886.28	5,270,360.08	2.53
Inventories	4,210,049.05	3,980,739.16	229,309.89	0.06
Prepaid Expenses	1,990,867.76	1,687,472.36	303,395.40	0.18
Restricted Funds	169,825,007.59	155,121,441.85	14,703,565.74	0.09
Accrued Interest Receivable	1,193,227.98	1,193,227.98	-	0.00%
<b>Total Current Assets</b>	<b>272,855,563.58</b>	<b>248,883,440.31</b>	<b>23,972,123.27</b>	<b>0.10</b>
<b>Non-Current Assets</b>				
Utility Plant in Service	2,851,101,729.89	2,777,788,488.76	73,313,241.13	0.03
Accumulated Depreciation	(1,068,590,567.50)	(1,008,503,475.01)	(60,087,092.49)	0.06
Construction in Progress	787,305,421.99	623,181,353.56	164,124,068.43	0.26
<b>Net Fixed Assets</b>	<b>2,569,816,584.38</b>	<b>2,392,466,367.31</b>	<b>177,350,217.07</b>	<b>0.07</b>
<b>Non-Current Receivables</b>	<b>29,326,631.36</b>	<b>30,806,603.67</b>	<b>(1,479,972.31)</b>	<b>(0.05)</b>
<b>Total Assets</b>	<b>2,871,998,779.32</b>	<b>2,672,156,411.29</b>	<b>199,842,368.03</b>	<b>0.07</b>
<b>Total Deferred Outflow of Resources</b>	<b>14,472,451.61</b>	<b>20,406,268.68</b>	<b>(5,933,817.07)</b>	<b>(0.29)</b>
<b>Total Assets &amp; Deferred Outflow of Resources</b>	<b>2,886,471,230.93</b>	<b>2,692,562,679.97</b>	<b>193,908,550.96</b>	<b>0.07</b>
<b>Current Liabilities</b>				
Miscellaneous Accounts Payable	7,290,300.02	9,613,078.46	(2,322,778.44)	(0.24)
Accounts Payable - Construction	18,131,898.17	21,714,273.56	(3,582,375.39)	(0.16)
Contract Retainage	14,249,364.70	8,892,994.91	5,356,369.79	0.60
Accrued Interest Payable	17,532,813.96	13,035,917.18	4,496,896.78	0.34
Current Maturities of Bonds Payable	31,825,000.00	29,415,000.00	2,410,000.00	0.08
Bond Anticipation Notes	228,411,814.96	228,507,615.47	(95,800.51)	(0.00)
Deposits Payable	2,557,425.87	1,639,499.14	917,926.73	0.56
Accrued Salaries & Wages	2,750,705.13	1,443,159.77	1,307,545.36	0.91
Accrued Workers' Comp Insurance	1,270,001.46	1,755,238.06	(485,236.60)	(0.28)
Employee Comp Absences Payable	2,284,835.53	2,124,417.12	160,418.41	0.08
<b>Total Current Liabilities</b>	<b>326,304,159.80</b>	<b>318,141,193.67</b>	<b>8,162,966.13</b>	<b>0.03</b>
<b>Non-Current Liabilities</b>				
Long-Term Debt Payable	1,722,745,000.00	1,583,390,000.00	139,355,000.00	0.09
Other Long-Term Liability	120,139,566.36	113,729,345.59	6,410,220.77	0.06
<b>Total Non-Current Liabilities</b>	<b>1,842,884,566.36</b>	<b>1,697,119,345.59</b>	<b>145,765,220.77</b>	<b>0.09</b>
<b>Total Liabilities</b>	<b>2,169,188,726.16</b>	<b>2,015,260,539.26</b>	<b>153,928,186.90</b>	<b>0.08</b>
<b>Total Deferred Inflow of Resources</b>	<b>114,290,889.75</b>	<b>92,232,693.22</b>	<b>22,058,196.53</b>	<b>0.24</b>
<b>Total Liabilities &amp; Deferred Inflow of Resources</b>	<b>2,283,479,615.91</b>	<b>2,107,493,232.48</b>	<b>175,986,383.43</b>	<b>0.08</b>
<b>Net Position</b>	<b>602,991,615.02</b>	<b>585,069,447.49</b>	<b>17,922,167.53</b>	<b>0.03</b>



FY 2016  
MSD Operating Budget Performance  
as of 6/30/16





( 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 2016  
Summary of MSD Operating Expense  
as of 6/30/16

<u>Operating Expenses</u>	<u>FY16 Budget</u>	<u>FY16 YTD Actual</u>	<u>FY15 YTD Actual</u>	<u>Variance Actual to Budget</u>	<u>Variance Actual to Prior Year</u>
Salaries & Wages	38,665,964	40,221,545	38,445,613	1,555,581	1,775,932
Labor Related Overhead	16,938,998	14,422,506	15,804,597	(2,516,492)	(1,382,091)
Utilities	15,864,579	18,255,796	13,808,405	2,391,217	4,447,391
Materials & Supplies	7,400,521	7,360,410	5,468,463	(40,111)	1,891,947
Contractual Services	26,637,400	25,398,057	19,683,158	(1,239,343)	5,714,899
Chemicals	4,216,627	4,371,467	3,680,284	154,840	691,183
Fuel	1,647,192	1,122,254	1,289,949	(524,938)	(167,695)
Insurance Premiums & Claims	1,319,921	1,313,247	1,391,394	(6,674)	(78,147)
Bad Debt	1,999,992	2,602,781	2,067,878	602,789	534,903
Other Operating Expense	1,329,962	912,068	1,020,058	(417,894)	(107,990)
System Roll-up Variance	0	(1,260,355)	3,514,607	(1,260,355)	(4,774,962)
<b>TOTAL</b>	<b>116,021,156</b>	<b>114,719,776</b>	<b>106,174,406</b>	<b>(1,301,380)</b>	<b>8,545,370</b>

<u>DIVISIONS</u>	<u>FY16 Budget</u>	<u>FY16 YTD Actual</u>	<u>FY15 YTD Actual</u>	<u>Variance Actual to Budget</u>	<u>Variance Actual to Prior Year</u>
Engineering	8,466,339	8,028,050	7,697,845	(438,289)	330,205
Executive	4,278,999	6,408,354	3,519,265	2,129,355	2,889,089
Finance	11,122,926	11,195,145	10,161,420	72,219	1,033,725
Human Resources	6,451,028	4,592,049	6,184,118	(1,858,979)	(1,592,069)
Information Technology	7,754,875	8,150,264	5,600,324	395,389	2,549,940
Legal Services	2,057,160	1,223,012	1,490,795	(834,148)	(267,783)
OPERATIONS GROUP	75,889,829	76,383,257	68,006,032	493,428	8,377,225
System Roll-up Variance	0	(1,260,355)	3,514,607	(1,260,355)	(4,774,962)
<b>TOTAL</b>	<b>116,021,156</b>	<b>114,719,776</b>	<b>106,174,406</b>	<b>(1,301,380)</b>	<b>8,545,370</b>

<u>OPERATIONS GROUP</u>	<u>FY16 Budget</u>	<u>FY16 YTD Actual</u>	<u>FY15 YTD Actual</u>	<u>Variance Actual to Budget</u>	<u>Variance Actual to Prior Year</u>
COLLECTIONS - (Metro)	18,844,741	16,876,729	15,538,630	(1,968,012)	1,338,099
DRAINAGE & FP - (I&FP)	19,442,547	18,717,503	13,229,897	(725,044)	5,487,606
PERFORMANCE	1,452,469	948,655	1,180,433	(503,814)	(231,778)
SUPPORT - (Phy Assets)	2,088,673	7,440,163	5,092,627	5,351,490	2,347,536
TREATMENT - (MFWTP)	34,061,399	32,400,206	32,964,445	(1,661,193)	(564,239)
<b>Operations Group Total</b>	<b>75,889,829</b>	<b>76,383,257</b>	<b>68,006,032</b>	<b>493,428</b>	<b>8,377,225</b>

**Detail of MSD Operating Expense  
as of 6/30/16**

	<u>ENGINEERING</u>		<u>EXECUTIVE</u>		<u>FINANCE</u>		<u>HUMAN RESOURCES</u>	
<u>Operating Expenses</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>	<u>FY15 Budget</u>	<u>FY16 YTD Act</u>
Salaries & Wages	5,862,106	5,697,711	(2,231,473)	1,699,138	1,908,554	1,691,003	1,747,821	1,601,431
Labor Related Overhead	2,135,521	1,946,784	616,175	575,223	682,396	594,432	2,324,786	613,639
Utilities	0	960	1,800	0	0	2,857	381,176	368,438
Materials & Supplies	183,492	148,807	68,268	49,258	66,968	66,492	207,206	204,485
Contractual Services	190,792	154,727	5,325,984	3,842,899	5,321,209	5,283,349	1,674,059	1,652,072
Chemicals	0	0	0	0	0	0	0	0
Fuel	0	0	0	0	0	0	0	110
Insurance Premiums & Claims	0	1,256	0	0	1,069,921	950,830	0	213
Bad Debt	0	0	0	0	1,999,992	2,602,781	0	0
Other Operating Expense	94,428	77,806	498,245	241,835	73,886	3,401	115,980	151,662
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>8,466,339</b>	<b>8,028,050</b>	<b>4,278,999</b>	<b>6,408,354</b>	<b>11,122,926</b>	<b>11,195,145</b>	<b>6,451,028</b>	<b>4,592,049</b>

	<u>INFORMATION TECHNOLOGY</u>		<u>LEGAL</u>		<u>OPERATIONS GROUP</u>		<u>TOTAL</u>	
<u>Operating Expenses</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>
Salaries & Wages	2,664,265	2,376,729	772,681	747,243	27,942,010	26,408,289	38,665,964	40,221,545
Labor Related Overhead	916,929	690,483	233,479	205,296	10,029,712	9,796,648	16,938,998	14,422,505
Utilities	670,608	811,285	0	29	14,810,995	17,072,226	15,864,579	18,255,796
Materials & Supplies	331,402	408,171	31,000	17,380	6,512,185	6,465,819	7,400,521	7,360,410
Contractual Services	3,075,056	3,787,387	680,200	381,357	10,370,100	10,296,265	26,637,400	25,398,057
Chemicals	0	0	0	0	4,216,627	4,371,467	4,216,627	4,371,467
Fuel	0	0	0	0	1,647,192	1,122,144	1,647,192	1,122,254
Insurance Premiums & Claims	0	0	250,000	(207,649)	0	568,597	1,319,921	1,313,247
Bad Debt	0	0	0	0	0	0	1,999,992	2,602,781
Other Operating Expense	96,615	76,209	89,800	79,355	361,008	281,801	1,329,962	912,069
Settlement Accounts	0	0	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0	0	(1,260,355)
<b>Total</b>	<b>7,754,875</b>	<b>8,150,264</b>	<b>2,057,160</b>	<b>1,223,012</b>	<b>75,889,829</b>	<b>76,383,257</b>	<b>116,021,156</b>	<b>114,719,775</b>



**Detail of MSD Operating Expense  
as of 6/30/16**

	<u>COLLECTIONS</u>		<u>DRAINAGE &amp; FP</u>		<u>PERFORMANCE MATRIX</u>	
<u>Operating Expenses</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>
Salaries & Wages	9,343,505	9,073,975	5,409,416	4,270,908	1,038,493	690,430
Labor Related Overhead	3,393,301	3,214,355	2,035,165	1,966,453	391,448	252,818
Utilities	99,996	60,371	4,898,032	5,838,580	0	0
Materials & Supplies	1,992,751	1,527,776	1,319,371	2,365,724	7,300	1,875
Contractual Services	3,424,921	2,432,854	4,914,767	3,767,215	4,720	2,986
Chemicals	8,100	696	789,996	479,198	0	0
Fuel	9,996	606	29,000	1,592	0	0
Insurance Premiums & Claims	480,000	539,606	0	13,492	0	0
Bad Debt	0	0	0	0	0	0
Other Operating Expense	92,171	26,490	46,800	14,342	10,508	546
Settlement Accounts	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0
<b>Total</b>	<b>18,844,741</b>	<b>16,876,729</b>	<b>19,442,547</b>	<b>18,717,503</b>	<b>1,452,469</b>	<b>948,655</b>

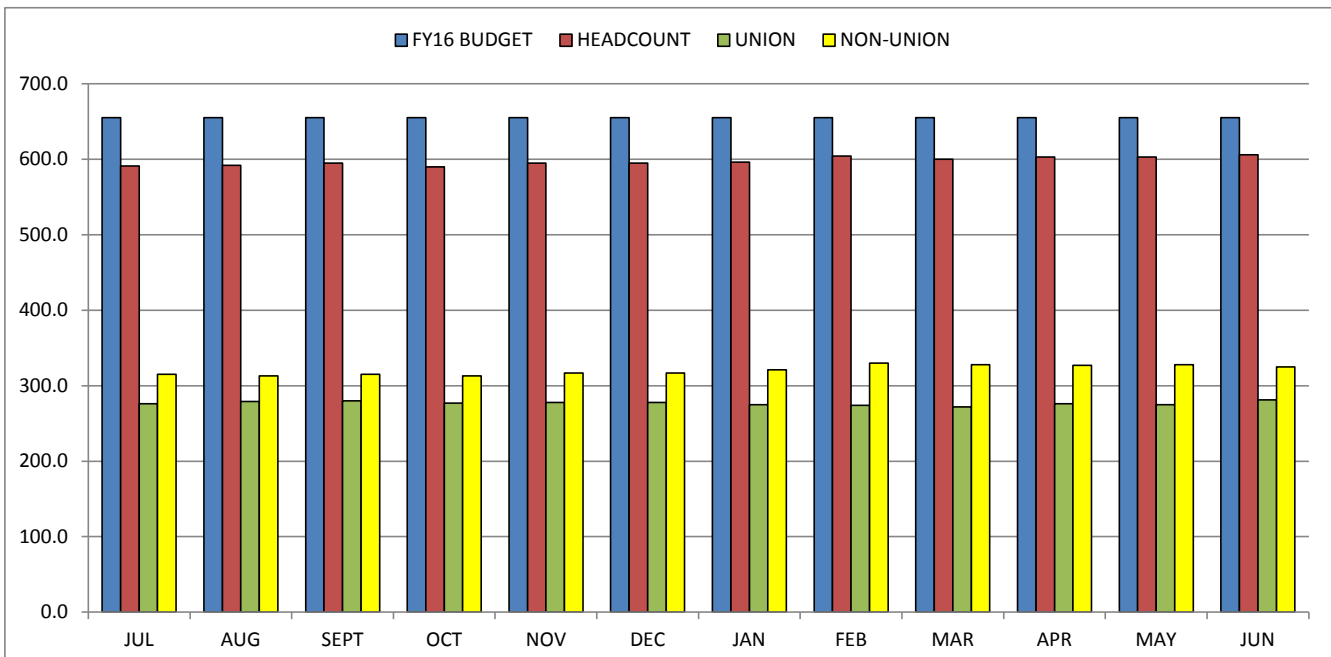
  

	<u>SUPPORT</u>		<u>TREATMENT</u>		<u>OPERATIONS GROUP</u>	
<u>Operating Expenses</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>
Salaries & Wages	3,209,471	3,313,456	8,941,125	9,059,519	27,942,010	26,408,289
Labor Related Overhead	1,160,501	1,167,556	3,049,297	3,109,560	10,029,712	9,710,741
Utilities	(23,640)	115,724	9,836,607	11,057,551	14,810,995	17,072,226
Materials & Supplies	852,381	636,869	2,340,382	1,966,712	6,512,185	6,498,956
Contractual Services	(4,037,775)	1,014,158	6,063,467	3,131,821	10,370,100	10,349,034
Chemicals	(250,000)	0	3,668,531	3,891,573	4,216,627	4,371,467
Fuel	1,582,320	1,117,700	25,876	2,246	1,647,192	1,122,144
Insurance Premiums & Claims	(480,000)	14,500	0	1,000	0	568,597
Bad Debt	0	0	0	0	0	0
Other Operating Expense	75,415	60,199	136,114	180,224	361,008	281,801
Settlement Accounts	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0
<b>Total</b>	<b>2,088,673</b>	<b>7,440,163</b>	<b>34,061,399</b>	<b>32,400,206</b>	<b>75,889,829</b>	<b>76,383,257</b>

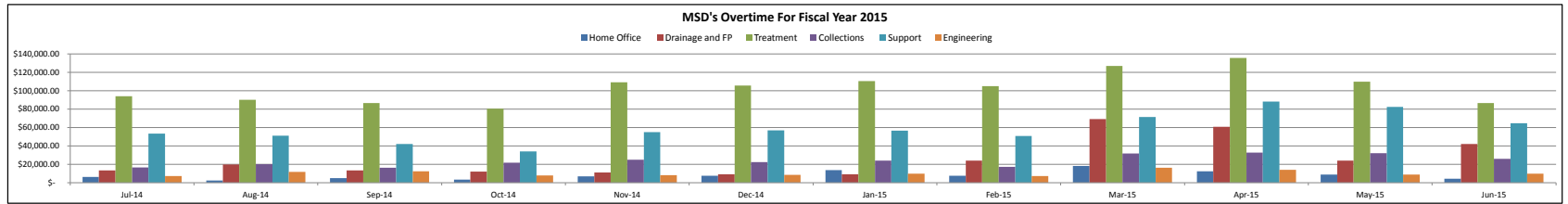
**FY 2016**  
**MSD STAFFING**  
**June**

	<u>UNION</u>	<u>NON-UNION</u>	<u>HEADCOUNT</u>	<u>FY16 BUDGET</u>
ENGINEERING	0.0	83.0	83.0	83.0
EXECUTIVE	0.0	26.0	26.0	28.0
FINANCE	0.0	22.0	22.0	29.0
HUMAN RESOURCES	0.0	21.0	21.0	24.0
INFORMATION TECH	0.0	29.0	29.0	35.0
LEGAL	0.0	8.0	8.0	9.0
OPERATIONS	281.0	136.0	417.0	447.0
<b>ALL DIVISIONS</b>	<b>281.0</b>	<b>325.0</b>	<b>606.0</b>	<b>655.0</b>

Prior Month - June	277.0	314.0	591.0	655.0
Prior Month - July	276.0	315.0	591.0	655.0
Prior Month - August	279.0	313.0	592.0	655.0
Prior Month - September	280.0	315.0	595.0	655.0
Prior Month - October	277.0	313.0	590.0	655.0
Prior Month - November	278.0	317.0	595.0	655.0
Prior Month - December	278.0	317.0	585.0	655.0
Prior Month - January	275.0	321.0	596.0	655.0
Prior Month - February	274.0	330.0	604.0	655.0
Prior Month - March	276.0	327.0	603.0	655.0
Prior Month - April	276.0	327.0	603.0	655.0
Prior Month - May	275.0	328.0	603.0	655.0



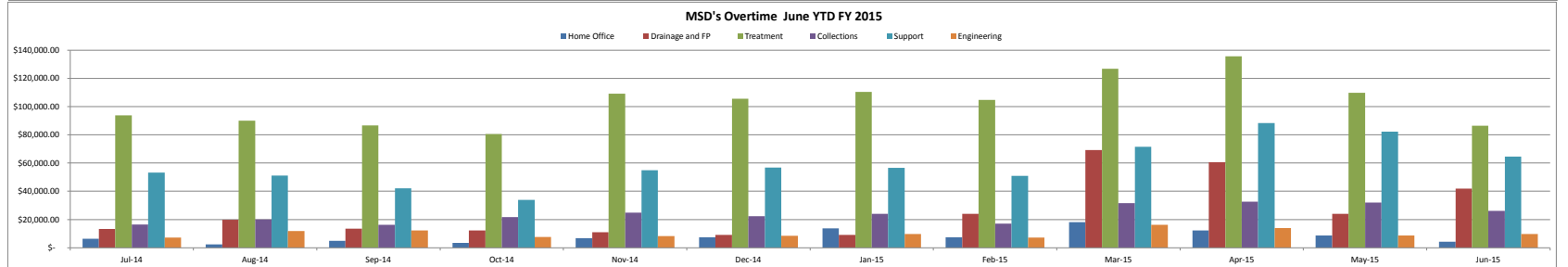
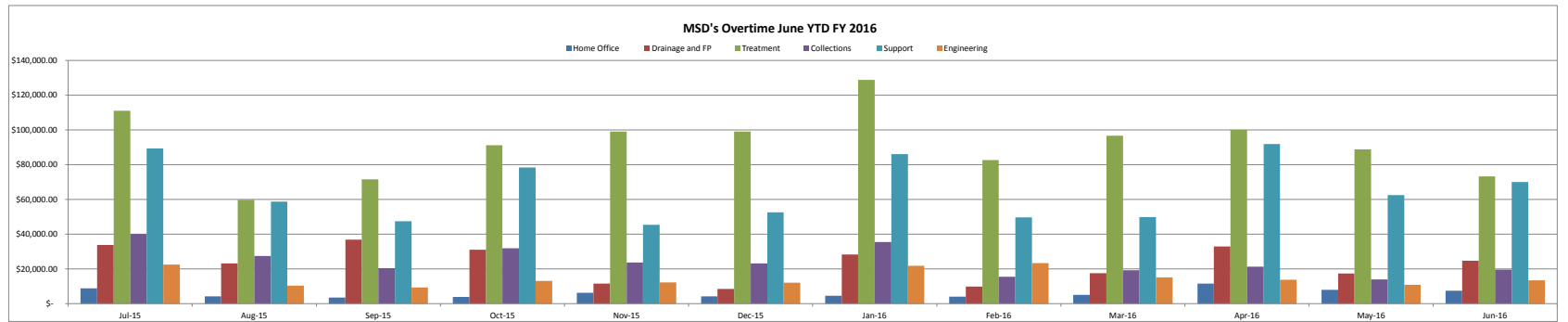
MSD OVERTIME ANALYSIS  
June FY 2016



MSD's Total Overtime for Fiscal Year 2015		
	Total Overtime	% of Total Overtime
Home Office	\$ 95,273.00	3.46%
Treatment	\$ 307,481.77	11.16%
Drainage and Flood Protection	\$ 1,239,764.64	45.00%
Collections	\$ 284,915.52	10.34%
Support	\$ 706,319.37	25.64%
Engineering	\$ 121,105.82	4.40%

Total OT/ Total Salary	
Total Overtime	\$ 2,701,651.75
Total Salary	\$ 39,936,857.57
Overtime Percentage of Total Salary	6.76%

MSD's Overtime Comparison YTD			
	June YTD FY'16	June YTD FY'15	Variance
Home Office	\$ 71,625.82	\$ 95,273.00	-\$23,647.18
Treatment	\$ 1,102,370.63	\$ 1,239,764.64	-\$137,394.01
Drainage and Flood Protection	\$ 275,799.00	\$ 307,481.77	-\$31,682.77
Collections	\$ 291,623.84	\$ 284,915.52	\$ 6,708.32
Support	\$ 782,131.66	\$ 706,319.37	\$ 75,812.29
Engineering	\$ 178,100.80	\$ 121,105.82	\$ 56,994.98



Total Overtime vs. Total Salary for Fiscal Year 2016												
	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
Total Overtime	\$ 305,540.69	\$ 183,757.83	\$ 189,184.08	\$ 249,680.40	\$ 198,161.18	\$ 199,555.75	\$ 305,110.38	\$ 185,118.56	\$ 203,760.75	\$ 271,510.87	\$ 201,535.70	\$ 208,735.56
Total Salary	\$ 3,796,968.46	\$ 2,953,842.62	\$ 3,436,345.21	\$ 3,876,174.87	\$ 3,024,456.49	\$ 3,894,766.06	\$ 3,075,491.90	\$ 2,974,342.67	\$ 3,024,914.13	\$ 3,771,687.95	\$ 3,065,190.62	\$ 3,042,676.59
Overtime % of Total Salary	8.05%	6.22%	5.51%	6.44%	6.55%	5.12%	9.92%	6.22%	6.74%	7.20%	6.57%	6.86%

Prepared by Chris Dwyer

1/27/2016

## MSD's Construction Variance - FY14 Through FY16 Comparison

FY 14 Variance by Month	
Mth	FY14
Jul-13	\$ 16,911.70
Aug-13	\$ (633,443.13)
Sep-13	\$ 964,597.42
Oct-13	\$ (908,835.26)
Nov-13	\$ (499,377.19)
Dec-13	\$ 233,888.59
Jan-14	\$ 69,944.53
Feb-14	\$ 178,060.27
Mar-14	\$ 61,317.94
Apr-14	\$ (13,272,322.51)
May-14	\$ (1,491,870.16)
Jun-14	\$ 13,200.00
<b>TOTAL FY14</b>	<b>\$ (15,267,927.80)</b>

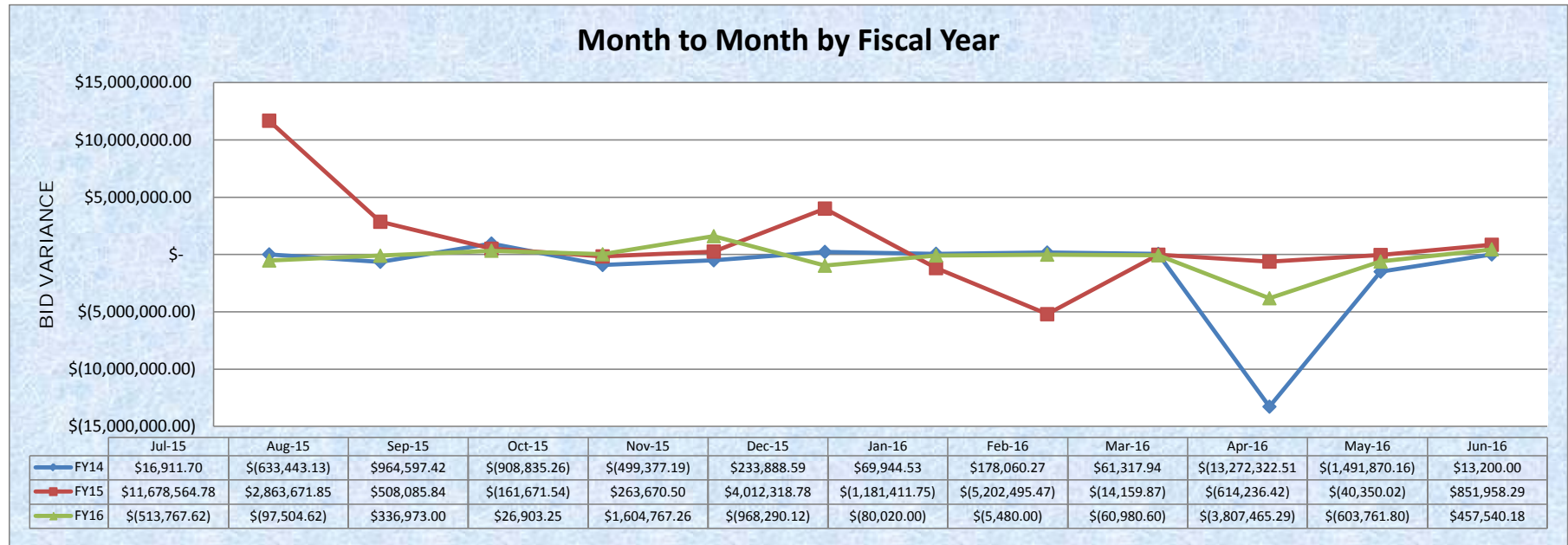
FY 15 Variance by Month	
Mth	FY15
Jul-14	\$ 11,678,564.78
Aug-14	\$ 2,863,671.85
Sep-14	\$ 508,085.84
Oct-14	\$ (161,671.54)
Nov-14	\$ 263,670.50
Dec-14	\$ 4,012,318.78
Jan-15	\$ (1,181,411.75)
Feb-15	\$ (5,202,495.47)
Mar-15	\$ (14,159.87)
Apr-15	\$ (614,236.42)
May-15	\$ (40,350.02)
Jun-15	\$ 851,958.29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

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

	FY 14 Over/Under Total Variance	FY 15 Over/Under Total Variance	FY 16 Over/Under Total Variance
# OVER	34	29	31
\$ OVER	\$ 2,854,215.75	\$ 22,692,303.47	\$ 5,938,849.72
%	11.51%	25.09%	16.49%

# UNDER	32	25	45
\$ UNDER	\$ (18,122,143.55)	\$ (9,728,358.50)	\$ (9,649,936.08)
%	-23.99%	-11.05%	-19.25%

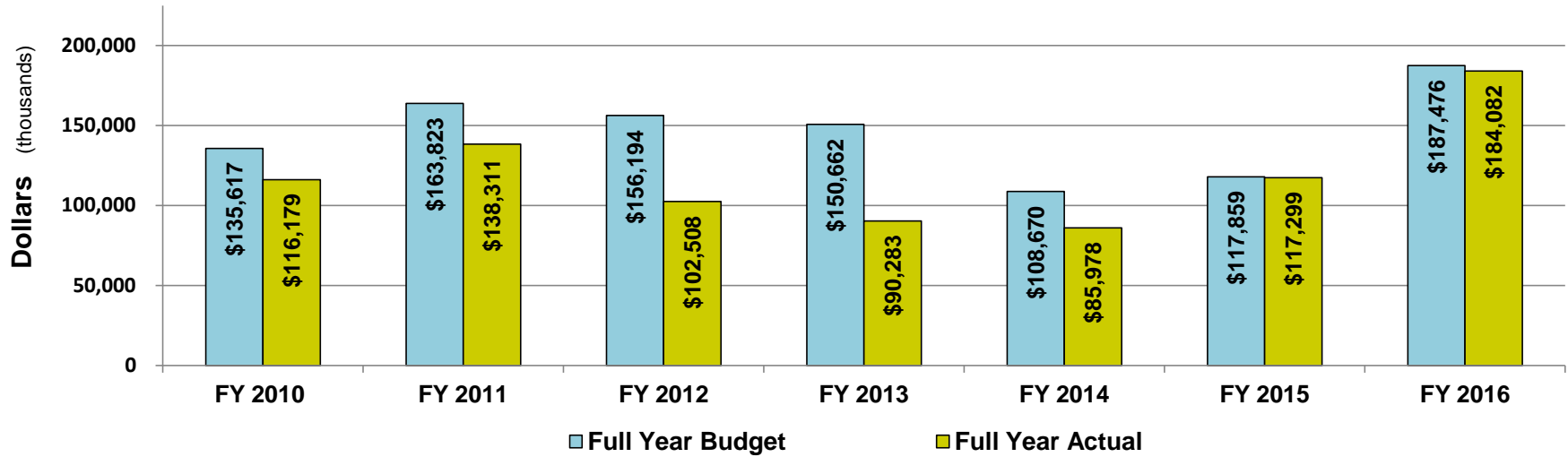
<b>Total YTD</b>	<b>\$ (15,267,927.80)</b>	<b>\$ 12,963,944.97</b>	<b>\$ (3,711,086.36)</b>
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Total variance reflects the difference of Estimate Cost vs. Board Approval by month for Construction services.

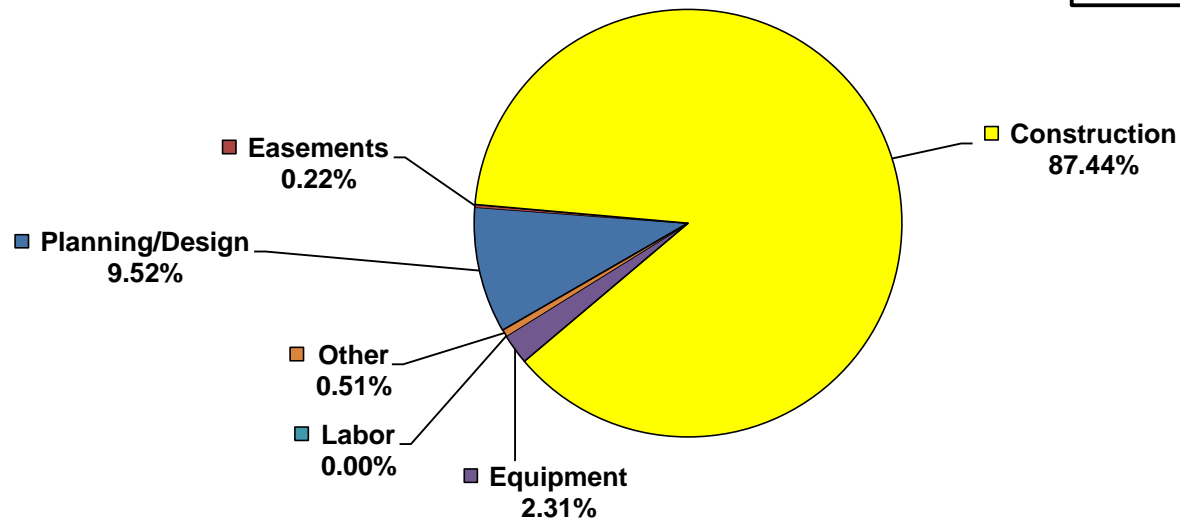


**FY 2016  
MSD Capital Budget Performance  
YTD as of 6/30/16**

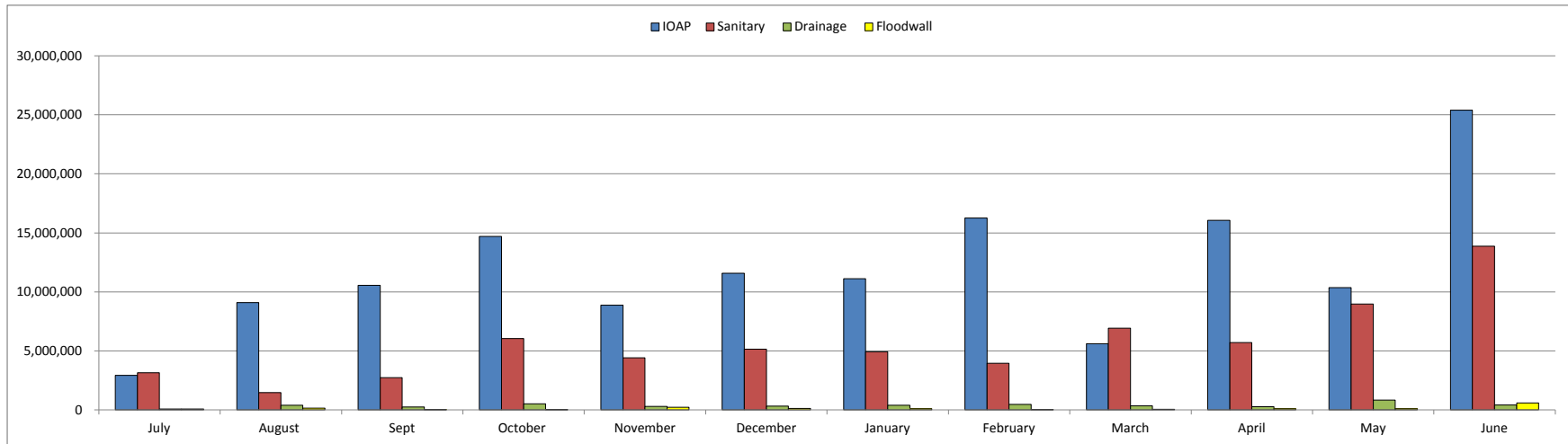


**MSD Capital Expenditures by Category**

**Total Expenditures to Date:  
\$184,082,207**



**MSD MONTHLY CAPITAL SPENDING BY TYPE**  
(Includes Capitalized Overhead)  
As of 6/30/16



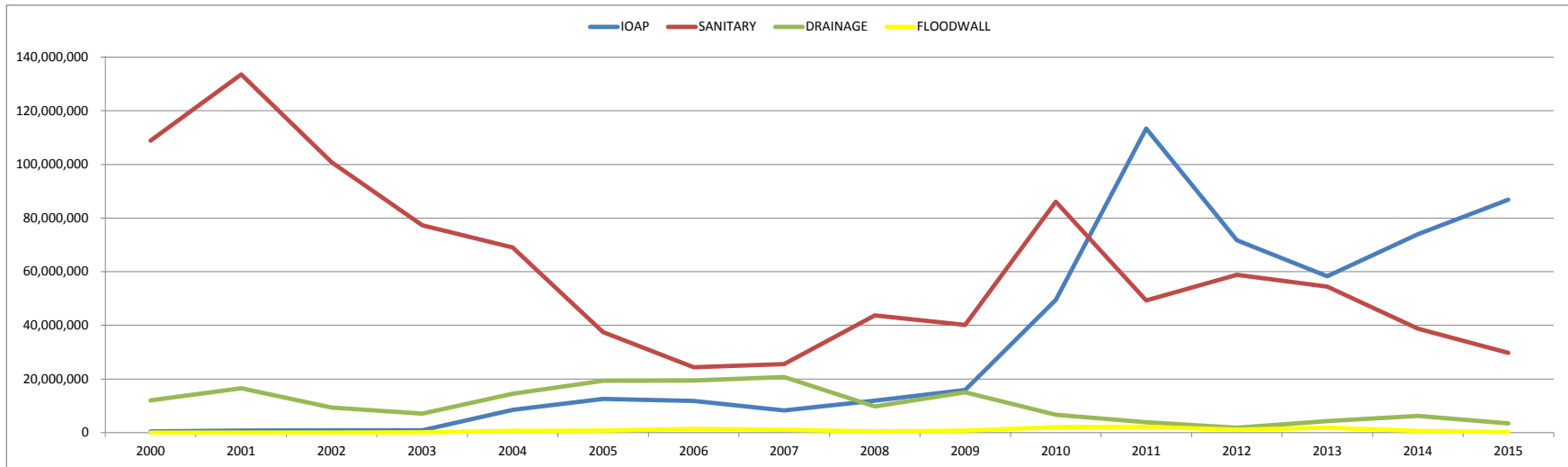
2016	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	2,920,591	9,097,780	10,542,172	14,707,509	8,883,555	11,573,056	11,109,444	16,254,456	5,606,576	16,050,916	10,349,983	25,403,000	142,499,038	118%
Sanitary	3,144,341	1,453,932	2,734,335	6,039,947	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	56%
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	4%
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>179%</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

**MSD ANNUAL CAPITAL SPENDING BY TYPE**  
(Includes Capitalized Overhead)  
Years 2000 through 2015



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	118%
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	56%
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	4%
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%
<b>Total</b>	<b>6,221,756</b>	<b>17,310,035</b>	<b>30,832,873</b>	<b>52,094,942</b>	<b>65,919,075</b>	<b>83,073,508</b>	<b>99,598,656</b>	<b>120,311,883</b>	<b>133,229,920</b>	<b>155,370,136</b>	<b>175,627,691</b>	<b>215,911,728</b>	<b>215,911,728</b>	<b>179%</b>

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%
<b>Total</b>	<b>7,625,412</b>	<b>17,807,241</b>	<b>19,648,118</b>	<b>33,807,936</b>	<b>42,114,455</b>	<b>54,290,855</b>	<b>64,203,930</b>	<b>75,395,492</b>	<b>84,280,378</b>	<b>95,445,522</b>	<b>108,591,498</b>	<b>120,298,703</b>	<b>120,298,703</b>	<b>100%</b>

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%
<b>Total</b>	<b>12,193,092</b>	<b>13,178,969</b>	<b>22,100,806</b>	<b>35,761,104</b>	<b>44,160,841</b>	<b>53,728,093</b>	<b>65,619,571</b>	<b>74,809,369</b>	<b>83,150,570</b>	<b>90,851,289</b>	<b>102,301,792</b>	<b>119,641,875</b>	<b>119,641,875</b>	<b>100%</b>

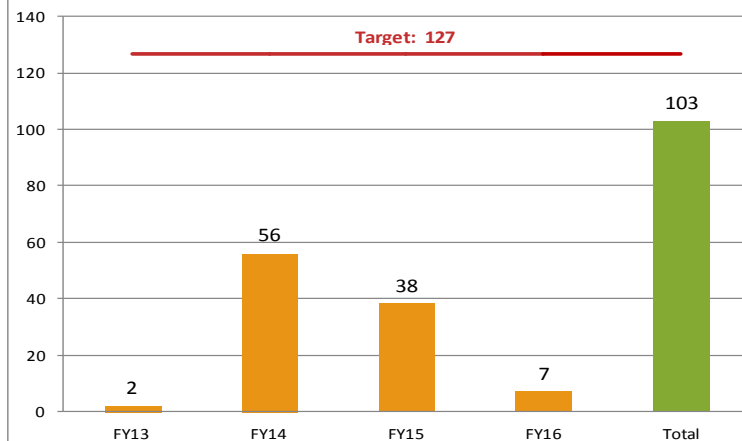
IOAP: Integrated Overflow Abatement Plan

### Maple Street Project Expenses

Property Acquisition Expenses	
Purchase Price	\$5,205,527.62
Closing Costs	97,342.97
Appraisals	141,931.00
2013 Property Taxes	8,071.54 *
2014 Property Taxes	19,765.26 *
2015 Property Taxes	1,705.93 *
Subtotal	\$5,474,344.32
Moving/Displacement Expenses	
Moving Costs	\$48,960.35
Displacement Costs	170,072.20
Subtotal	\$219,032.55
Demolition Expenses	
Lead & Asbestos	\$94,284.00
Abatement	90,292.31
Property Maint/Misc	16,490.00 *
Demolition	979,020.51
Demolition - Retainage	94,343.67
Subtotal	\$1,085,743.15
Project Management/Services Expenses	
Project Management	\$265,700.42
Legal Services	122,023.41
Archaeological Study	167,620.60
Subtotal	\$555,344.43
<b>Project Total</b>	<b>\$7,334,464.45</b>

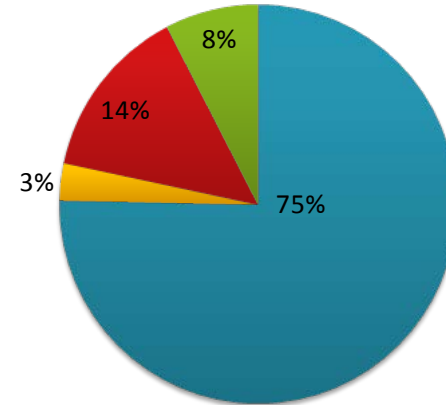
\*Not a reimburseable expense

### Properties Purchased



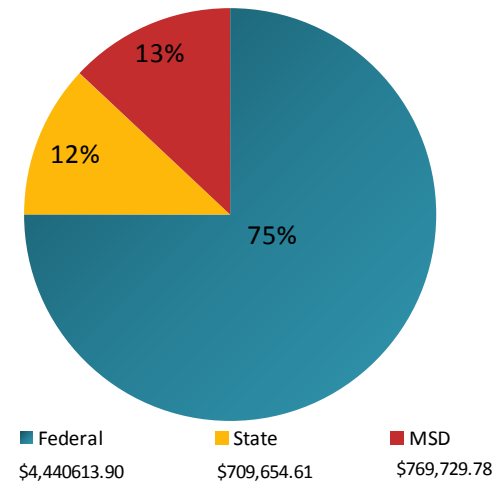
### Maple Street Project Expense Summary

■ Property ■ Moving/Displacement  
■ Demolition ■ Project Management/Legal



### Reimbursements for Approved Expenses

Total Project Amount Submitted for Reimbursement \$5,919,998.29  
Total Reimbursed Expenses To Date \$5,919,998.29





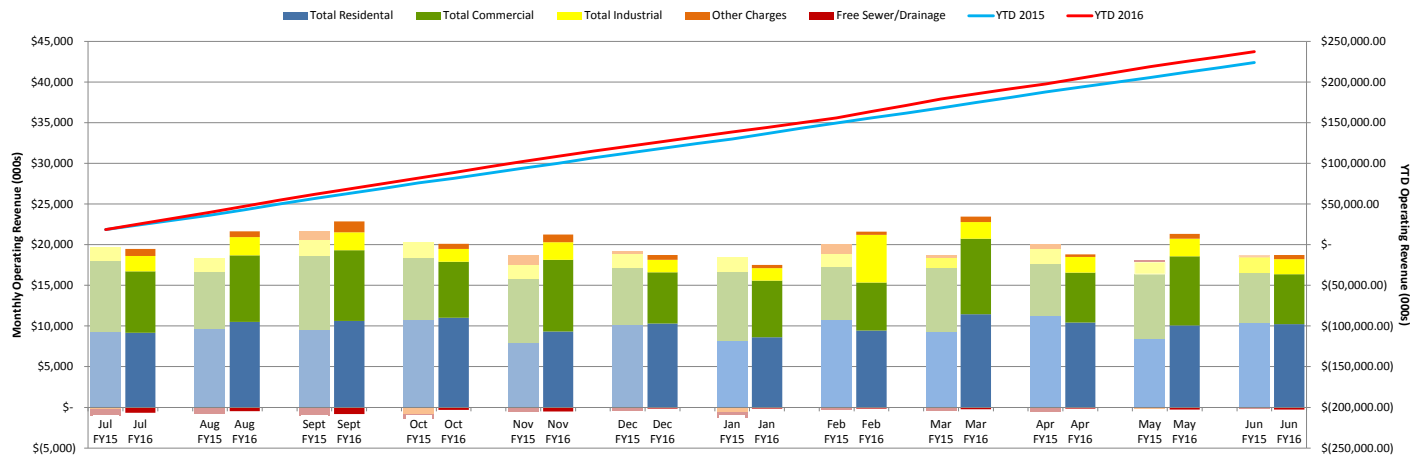
# MSD's Operating Revenue

FY 2016

in 000's

		Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	YTD Totals	%
<b>Residential</b>															
<b>Sewer</b>															
Service Charge	\$	2,507	\$ 2,827	\$ 2,871	\$ 3,018	\$ 2,620	\$ 2,903	\$ 2,452	\$ 2,657	\$ 3,266	\$ 2,964	\$ 2,857	\$ 2,831	\$ 33,774	27.84%
Volume Charges		3,173	3,581	3,789	3,736	3,114	3,223	2,772	2,943	3,661	3,215	3,243	3,325	39,775	32.79%
Quality Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	0.00%
Meter Reading Charge		-	-	-	-	-	-	-	-	-	-	-	-	-	0.00%
Consent Decree Charge		2,100	2,370	2,404	2,523	2,191	2,420	2,042	2,223	2,734	2,461	2,390	2,352	28,211	23.25%
Senior Citizen Discount		(49)	(75)	(61)	(77)	(53)	(76)	(52)	(65)	(67)	(78)	(55)	(77)	(785)	-0.65%
<b>Drainage</b>															
Drainage Fees		1,446	1,808	1,629	1,837	1,470	1,836	1,418	1,705	1,879	1,866	1,647	1,799	20,341	16.77%
<b>Total Residential</b>	<b>\$</b>	<b>9,178</b>	<b>\$ 10,511</b>	<b>\$ 10,632</b>	<b>\$ 11,037</b>	<b>\$ 9,341</b>	<b>\$ 10,306</b>	<b>\$ 8,633</b>	<b>\$ 9,463</b>	<b>\$ 11,473</b>	<b>\$ 10,429</b>	<b>\$ 10,082</b>	<b>\$ 10,230</b>	<b>\$ 121,315</b>	<b>100.00%</b>
<b>Commercial</b>															
<b>Sewer</b>															
Service Charge	\$	646	\$ 538	\$ 727	\$ 531	\$ 695	\$ 485	\$ 637	\$ 453	\$ 812	\$ 505	\$ 743	\$ 462	\$ 7,234	8.10%
Volume Charges		3,334	3,405	3,850	2,802	4,069	2,447	2,923	2,161	3,904	2,357	3,562	2,443	37,257	41.74%
Quality Charges		140	136	88	88	76	81	62	62	86	91	75	84	1,070	1.20%
Meter Reading Charge		13	16	17	13	11	5	5	4	6	3	13	12	117	0.13%
Consent Decree Charge		1,112	1,118	1,264	942	1,353	815	993	721	1,313	787	1,208	812	12,439	13.93%
<b>Drainage</b>															
Drainage Fees		2,311	2,969	2,728	2,478	2,612	2,456	2,327	2,474	3,164	2,387	2,903	2,343	31,153	34.90%
<b>Total Commercial</b>	<b>\$</b>	<b>7,557</b>	<b>\$ 8,183</b>	<b>\$ 8,674</b>	<b>\$ 6,854</b>	<b>\$ 8,817</b>	<b>\$ 6,288</b>	<b>\$ 6,946</b>	<b>\$ 5,875</b>	<b>\$ 9,285</b>	<b>\$ 6,130</b>	<b>\$ 8,504</b>	<b>\$ 6,156</b>	<b>\$ 89,269</b>	<b>100.00%</b>
<b>Industrial</b>															
<b>Sewer</b>															
Service Charge	\$	48	\$ 54	\$ 50	\$ 43	\$ 49	\$ 49	\$ 45	\$ 44	\$ 56	\$ 52	\$ 59	\$ 50	\$ 599	2.59%
Volume Charges		708	859	889	675	764	675	583	783	800	748	780	731	8,994	38.98%
Quality Charges		586	809	735	421	817	345	484	616	621	631	739	581	7,384	32.00%
Meter Reading Charge		7	9	7	7	7	7	6	7	9	8	8	8	91	0.39%
Consent Decree Charge		221	260	276	210	238	210	182	243	249	233	245	228	2,795	12.11%
<b>Drainage</b>															
Drainage Fees		312	243	271	243	273	277	225	239	305	263	315	247	3,214	13.93%
<b>Total Industrial</b>	<b>\$</b>	<b>1,880</b>	<b>\$ 2,233</b>	<b>\$ 2,229</b>	<b>\$ 1,600</b>	<b>\$ 2,148</b>	<b>\$ 1,563</b>	<b>\$ 1,525</b>	<b>\$ 1,932</b>	<b>\$ 2,041</b>	<b>\$ 1,935</b>	<b>\$ 2,146</b>	<b>\$ 1,845</b>	<b>\$ 23,077</b>	<b>100.00%</b>
<b>Other Charges</b>															
Other Charges		874	720	1,349	630	936	572	394	395	677	328	616	510	8,002	
<b>Free Charges</b>															
Free Sewer		(680)	(464)	(827)	(307)	(522)	(156)	(156)	(157)	(243)	(160)	(255)	(271)	(4,198)	
Free Drainage															
<b>Total Sewer</b>	<b>\$</b>	<b>14,740</b>	<b>\$ 16,163</b>	<b>\$ 17,428</b>	<b>\$ 15,257</b>	<b>\$ 16,365</b>	<b>\$ 14,003</b>	<b>\$ 13,371</b>	<b>\$ 13,090</b>	<b>\$ 17,885</b>	<b>\$ 14,145</b>	<b>\$ 16,228</b>	<b>\$ 14,081</b>	<b>\$ 182,758</b>	<b>76.96%</b>
<b>Total Drainage</b>	<b>\$</b>	<b>4,069</b>	<b>\$ 5,020</b>	<b>\$ 4,628</b>	<b>\$ 4,558</b>	<b>\$ 4,356</b>	<b>\$ 4,569</b>	<b>\$ 3,971</b>	<b>\$ 4,417</b>	<b>\$ 5,349</b>	<b>\$ 4,517</b>	<b>\$ 4,865</b>	<b>\$ 4,389</b>	<b>\$ 54,708</b>	<b>23.04%</b>
<b>Total Service Charges</b>	<b>\$</b>	<b>18,809</b>	<b>\$ 21,183</b>	<b>\$ 22,056</b>	<b>\$ 19,815</b>	<b>\$ 20,721</b>	<b>\$ 18,573</b>	<b>\$ 17,342</b>	<b>\$ 17,508</b>	<b>\$ 23,234</b>	<b>\$ 18,662</b>	<b>\$ 21,094</b>	<b>\$ 18,471</b>	<b>\$ 237,466</b>	<b>100.00%</b>

## Revenue Comparison - FY 2015 to FY 2016



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

**Jun-16**

<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	62,486	3,018	3,564	365	22	2	25	1	3	1	66,100	3,387
151	Morris Forman - City	LWC	68,147	11,133	8,898	1,601	249	64	237	11	1	25	77,532	12,834
152	Morris Forman - County	LWC	50,472	1,271	4,579	484	48	4	33	0	0	6	55,132	1,765
153	Hite Creek	LWC	9,819	175	597	32	8	0	0	0	0	0	10,424	207
235	Glen Oaks - Sec. 5 Only (Hite Creek)	LWC	266	1	1	0	0	0	0	0	0	0	267	1
237	Cedar Creek	LWC	16,991	254	1,055	59	9	0	3	0	5	0	18,063	313
244	Moser Farm (Hite Creek)	LWC	165	1	0	0	0	0	0	0	0	0	165	1
294	Floyds Fork	LWC	8,247	88	363	15	1	0	2	0	0	0	8,613	103
<b><u>Sub-Total</u></b>			216,593	15,941	19,057	2,556	337	70	300	12	9	32	236,296	18,611
<b><u>Grand Total</u></b>			232,534		21,613		407		312		41		254,907	

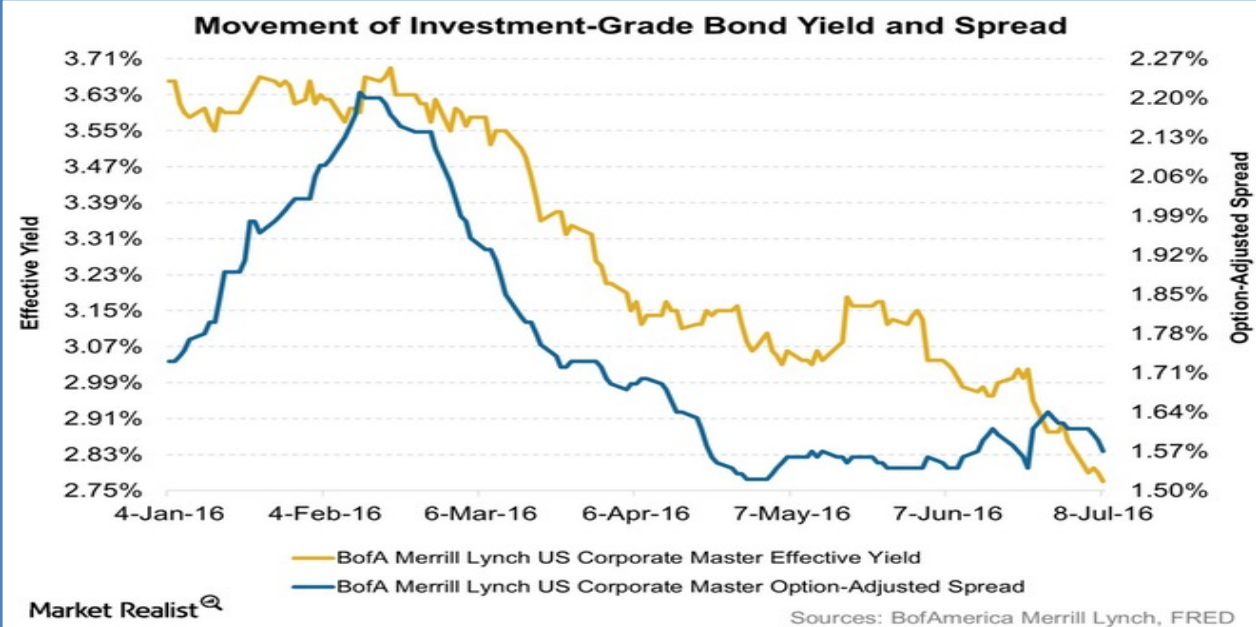
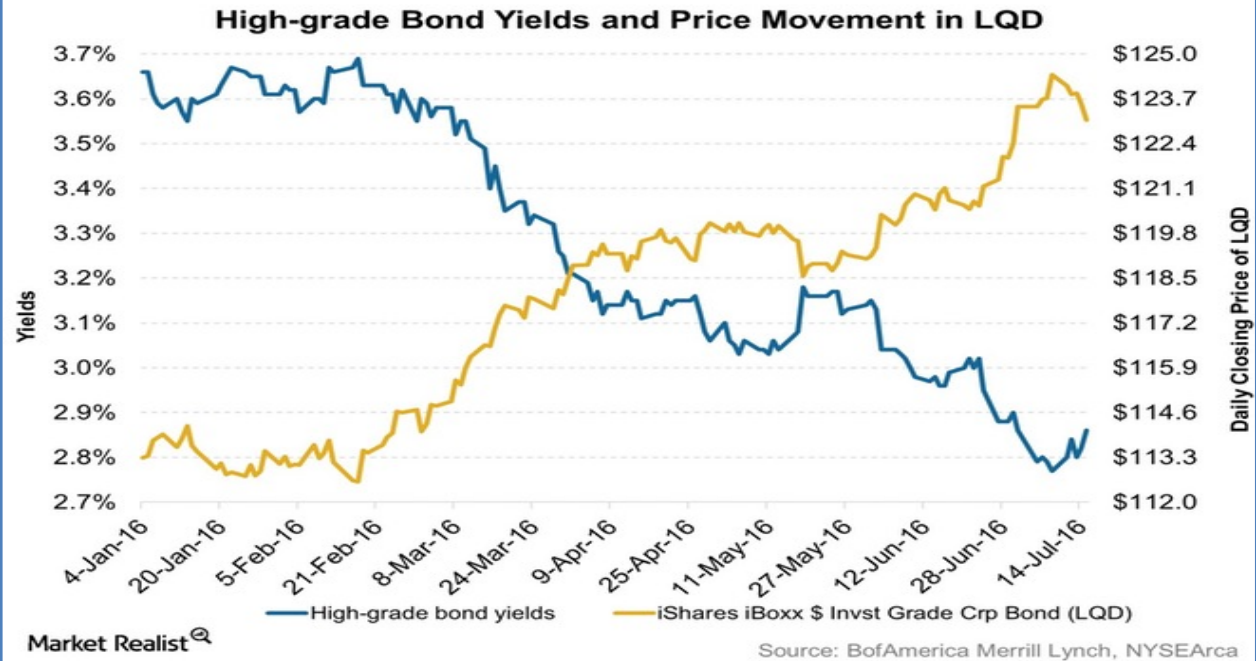
Submitted by: Adonis Henderson  
Date: 7/1/2016

## **New Customer Count**

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

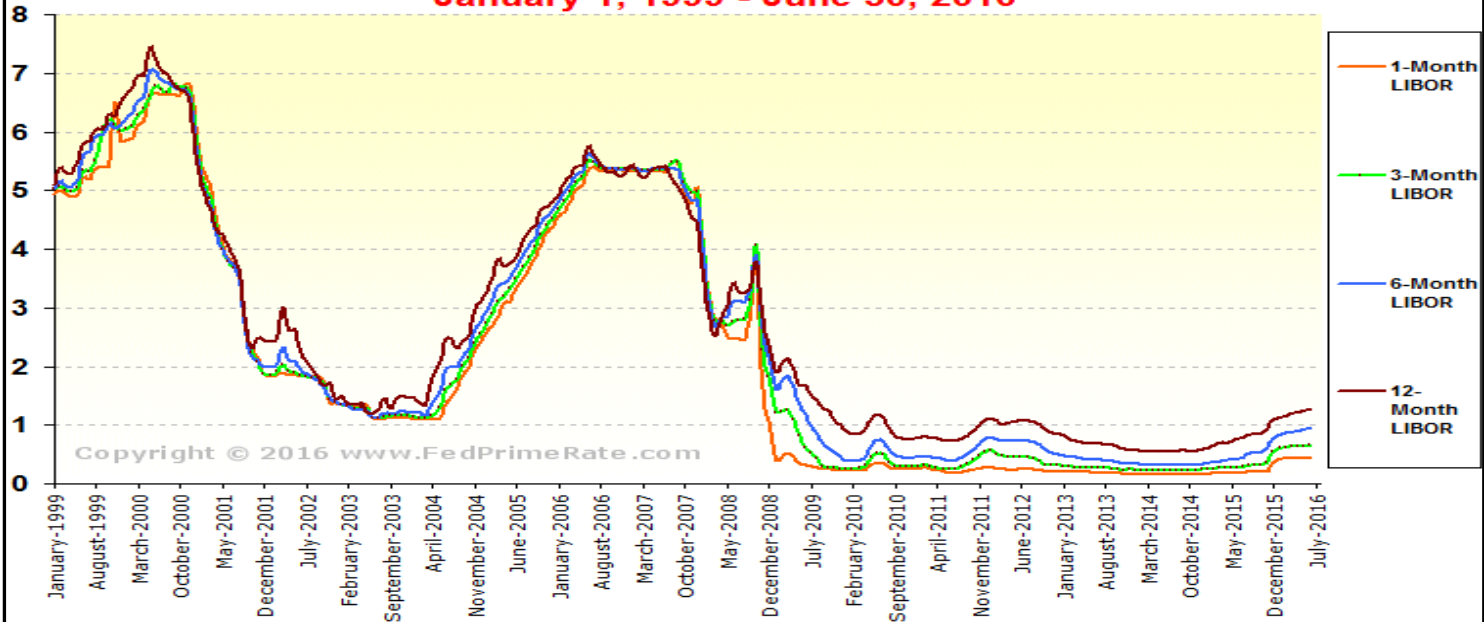
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## MARKET RATES

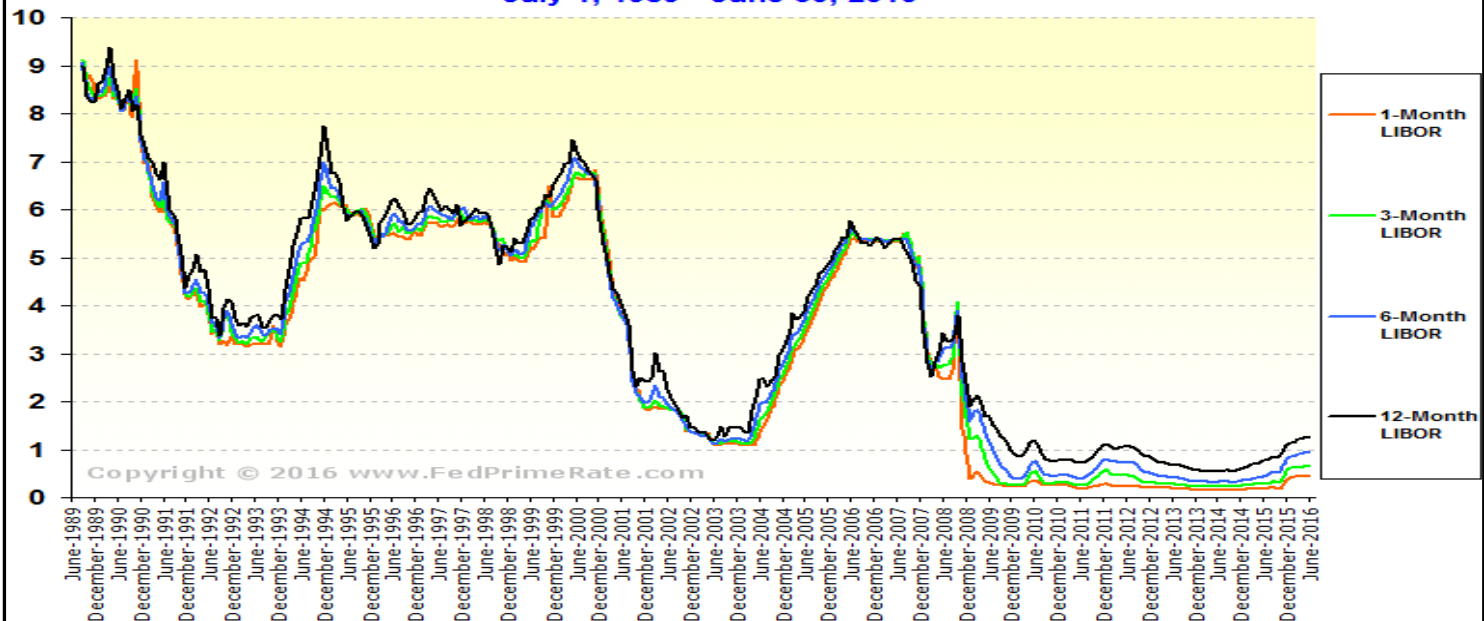


# MARKET RATES

**History of Eurodollar LIBOR Rates  
January 1, 1999 - June 30, 2016**

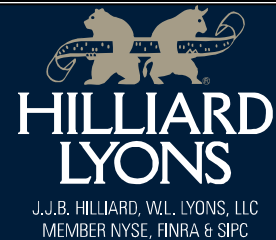


**History of Eurodollar LIBOR Rates  
July 1, 1989 - June 30, 2016**





# Kentucky Municipal Market Update



## Municipal Finance Team

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## Interest Rate Outlook – Municipal and Treasury Markets

In May, Federal Reserve Chairwoman Janet Yellen outlined plans to target a raise in the federal funds rate during the ‘coming months’. However, amid the release of weaker-than-expected jobs data she announced that the Federal Reserve’s intent to gradually raise the rate is likely still appropriate, but may be delayed. Future policy decisions will be dependent on the release of incoming economic reports. This delay in the rate hike has been followed by a recent decline in the Treasury rate. As seen in the chart below, the 10-year Treasury rate has dipped to a historic low of 1.60% – the lowest rate since 1912.

### 10-Year Treasury Constant Maturity Rate



## Municipals Outlook

Municipal bonds continue to be an enticing investment option as concerns over the lackluster pace of global growth remain, along with the prospect of an interest rate increase occurring later than previously anticipated. The demand for municipal issued debt continues to outpace the supply of offerings, especially as turbulence in the equities and high-yield bond market persists. Year to date issuance for municipal bonds is at \$173.5 billion, representing a 6.9% decline from the same period in 2015.

Source: US Dept. of Treasury, SIFMA, Wall Street Journal. “Latest Hot Buy: Municipal Bonds”

June-16

**MSD Investments by Category**  
**June 30, 2016**

<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		34,213,271	34,213,271	34,213,271	-	-
FED HOME LN MTG CORP DEB		5,219,224	5,215,000	5,198,573	4,924	20,651
Municipal Obligations	4.3 - 4.7%	92,264,249	84,590,000	83,146,718	1,188,304	9,117,531
Commercial Paper		-	-	-	-	-
Fed Gov Oblig Fund (money mkt)	.00 - .01%	65,189,811	65,189,811	65,189,811	-	-
Dreyfus Cash Mgmt (money mkt)	.00 - .01%	12,010,587	12,010,587	12,010,587	-	-
FED NATL MTGE ASSN DISC NOTE		37,727,391	37,760,000	37,185,921	-	541,470
Certificate of Deposit	1.75%	100,000	100,000	100,000	-	-
		<b>\$ 246,724,534</b>	<b>\$ 239,078,669</b>	<b>\$ 237,044,881</b>	<b>\$ 1,193,228</b>	<b>\$ 9,679,652</b>

<b>Total earnings on investments FYTD 2016</b>	<b>\$ 17,277,657</b>
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**MSD's Muni Bond Investments June  
FY 2016**

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	\$ 5,766,400.00	\$ 5,000,000.00	\$ 5,087,981.25	Aa2	4.49%	5.125%	4.20%	14.7
BAY AREA TOLL AUTH CALIF TOLL	4/1/2034	\$ 3,175,230.00	\$ 3,000,000.00	\$ 3,060,416.67	Aa3	4.45%	5.00%	4.02%	12.1
BEAVERCREEK OHIO CITY SCH DIST	12/1/2036	\$ 1,413,858.60	\$ 1,260,000.00	\$ 1,232,343.00	Aa2	4.47%	5.00%	4.14%	13.3
CHICAGO ILL	1/1/2039	\$ 5,815,139.85	\$ 5,160,000.00	\$ 5,220,322.23	Aa3	4.71%	5.00%	4.56%	14.0
DALLAS TEX AREA RAPID TRAN	12/1/2036	\$ 1,221,696.00	\$ 2,000,000.00	\$ 1,983,888.89	Aa3	4.46%	5.00%	4.12%	13.3
FLORIDA ST BRD ED PUB ED	6/1/2037	\$ 1,438,139.40	\$ 1,380,000.00	\$ 1,309,373.13	Aa1	4.33%	4.75%	4.06%	13.7
HARRIS CNTY TEX FLOOD CTL DIST	10/1/2039	\$ 5,745,000.00	\$ 5,000,000.00	\$ 5,094,694.44	Aa1	4.39%	5.00%	4.07%	14.4
JEA FLA WTR & SWR SYS REV	10/1/2039	\$ 1,083,437.95	\$ 955,000.00	\$ 960,172.92	Aa2	4.41%	5.00%	4.09%	14.4
JEA FLA WTR & SWR SYS REV	10/1/2039	\$ 1,032,385.90	\$ 910,000.00	\$ 914,929.17	Aa2	4.41%	5.00%	4.09%	14.4
KING CNTY WASH SWR REV	1/1/2039	\$ 5,171,713.20	\$ 5,265,000.00	\$ 5,383,358.91	Aa2	4.39%	5.00%	4.05%	14.3
LAS VEGAS VALLEY NEV WTR DIST	2/1/2037	\$ 460,151.60	\$ 3,000,000.00	\$ 2,988,573.33	Aa2	4.62%	5.00%	4.38%	13.1
LOS ANGELES CALIF DEPT ARPTS	5/15/2040	\$ 5,753,000.00	\$ 5,000,000.00	\$ 4,791,850.00	Aa3	4.46%	5.00%	4.19%	14.6
LOS ANGELES CALIF DEPT WTR	7/1/2038	\$ 6,513,840.00	\$ 6,000,000.00	\$ 6,199,120.00	Aa3	4.61%	5.25%	4.26%	13.8
LOUISIANA ST GAS & FUELS TAX	5/1/2040	\$ 5,655,900.00	\$ 5,000,000.00	\$ 5,029,861.11	Aa2	4.38%	5.00%	4.06%	14.7
METROPOLITAN ATLANTA RAPID	7/1/2039	\$ 5,569,700.00	\$ 5,000,000.00	\$ 5,076,883.33	A1	4.45%	5.00%	4.16%	14.4
NEW YORK N Y CITY MUN WTR FIN	6/15/2037	\$ 4,275,180.90	\$ 4,110,000.00	\$ 4,110,000.00	Aa2	4.43%	5.00%	4.07%	13.6
NEW YORK N Y CITY MUN WTR FIN	6/15/2039	\$ 1,881,915.00	\$ 1,500,000.00	\$ 1,533,125.00	Aa2	4.59%	5.00%	4.38%	14.2
NEW YORK N Y CITY MUN WTR FIN	6/15/2039	\$ 2,235,040.00	\$ 2,000,000.00	\$ 1,975,480.00	Aa2	4.39%	5.00%	4.07%	14.4
PALM BEACH CNTY FLA PUB IMPT	5/1/2038	\$ 3,236,190.00	\$ 3,000,000.00	\$ 3,047,916.67	Aa1	4.57%	5.00%	4.33%	13.7
SALT RIVER PROJ ARIZ AGRIC	1/1/2038	\$ 2,118,940.00	\$ 2,000,000.00	\$ 2,030,331.11	Aa1	4.51%	5.00%	4.22%	13.8
SALT RIVER PROJ ARIZ AGRIC	1/1/2038	\$ 5,297,350.00	\$ 5,000,000.00	\$ 5,008,650.00	Aa1	4.51%	5.00%	4.22%	13.8
TEXAS ST	4/1/2018	\$ 3,228,690.00	\$ 430,000.00	\$ 462,984.69		4.14%	4.75%	-3.03%	2.8
TEXAS ST	4/1/2037	\$ 4,851,100.70	\$ 4,570,000.00	\$ 4,558,144.48	Aaa	4.47%	4.75%	3.90%	13.6
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2037	\$ 860,304.00	\$ 800,000.00	\$ 794,403.56	Aa3	4.41%	5.00%	4.06%	13.7
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2037	\$ 813,016.00	\$ 1,750,000.00	\$ 1,748,541.67	Aa3	4.41%	5.00%	4.06%	13.7
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2038	\$ 7,650,930.00	\$ 7,000,000.00	\$ 7,060,386.67	Aa3	4.42%	5.00%	4.10%	14.1
<b>Totals:</b>		<b>\$ 92,264,249.10</b>	<b>\$ 86,090,000.00</b>	<b>\$ 86,663,732.23</b>					
<b>Average Years to Maturity:</b>	<b>21.92</b>								

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

\$5,600,516.87

**Total Weighted Average Yield to Maturity**

4.04956%

**Total Weighted Average Duration**

14.14351

**Total Weighted Average Coupon Rates**

5.18098%

**Total Weighted Average Market Yield**

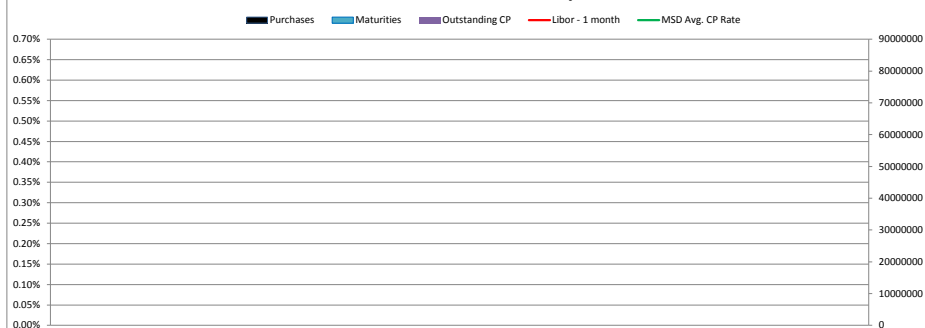
4.62612%

Prepared By Chris Duzyk

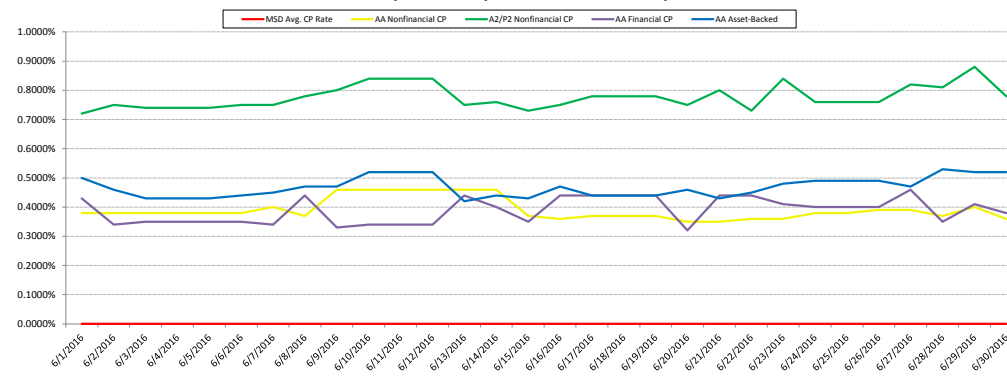
7/27/2016

# MSD's Commercial Paper

MSD's CP Purchases, Balance and 1 Mo. Buyer Rate vs. 1 Mo. LIBOR



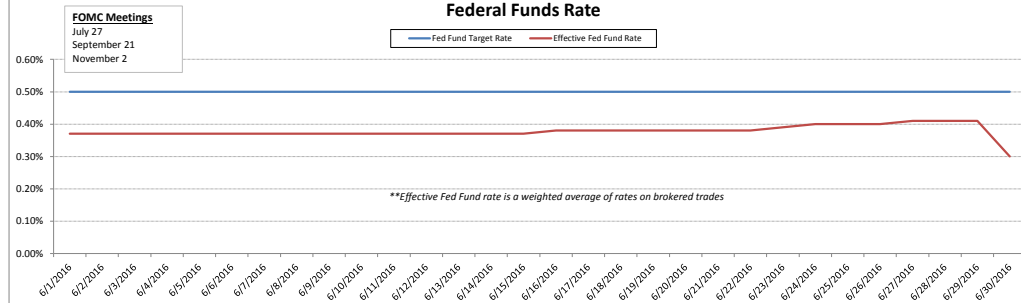
MSD's Spread - Corporate Commercial Paper



Outstanding as of 06/30/2016				
Company	Maturity Date	Purchase Amount	Maturity Amount	Rate <sub>1</sub>
Total:		\$ -	\$ -	-

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

Federal Funds Rate

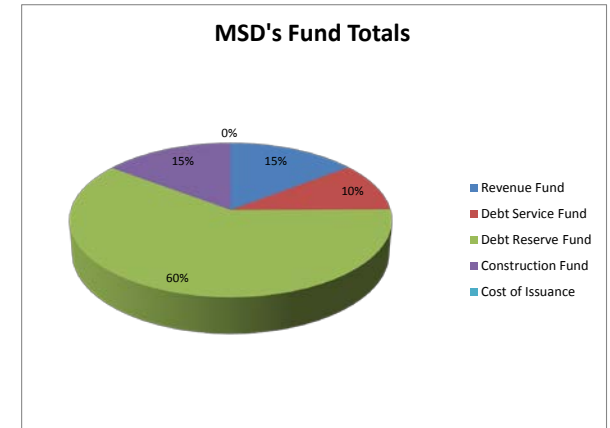


Prepared by Duzyk

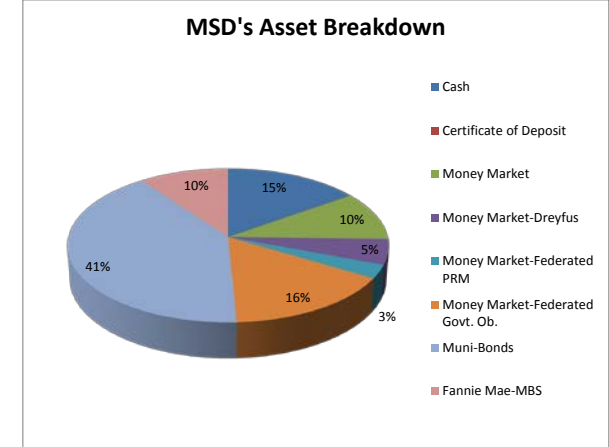
7/27/2016

# MSD's Current Investment Model - June FY 2016

Series	Revenue Fund	Debt Service Fund	Debt Reserve Fund	Construction Fund	Cost of Issuance	Totals
2005A	\$ -	\$ -	\$ -	\$ -	\$ -	-
2006A	\$ -	\$ -	\$ -	\$ -	\$ -	-
2007A	\$ -	\$ 460,561.93	\$ -	\$ -	\$ -	460,561.93
2008A	\$ -	\$ 814,241.46	\$ 5,066,952.56	\$ -	\$ -	5,881,194.02
2009A	\$ -	\$ 1,022,010.86	\$ 11,969,969.86	\$ -	\$ -	12,991,980.72
2009B	\$ -	\$ 2,814,876.22	\$ 29,566,688.59	\$ -	\$ -	32,381,564.81
2009C	\$ -	\$ 1,345,761.36	\$ 25,716,174.25	\$ -	\$ -	27,061,935.61
2010A	\$ -	\$ 2,578,602.12	\$ 39,114,295.34	\$ -	\$ -	41,692,897.46
2011A	\$ -	\$ 1,826,856.80	\$ -	\$ -	\$ -	1,826,856.80
2015 BAN	\$ -	\$ 10,838,750.61	\$ -	\$ -	\$ -	10,838,750.61
2013A&B	\$ -	\$ 1,371,431.63	\$ 27,388,350.60	\$ -	\$ -	28,759,782.23
2013C	\$ -	\$ 596,229.11	\$ 5,425,927.40	\$ -	\$ -	6,022,156.51
2014A	\$ -	\$ 429,291.33	\$ -	\$ 7.12	\$ -	429,298.45
2015A	\$ -	\$ 652,180.13	\$ 4,572,353.00	\$ 36,564,165.19	\$ -	41,788,698.32
2015B	\$ -	\$ 508,318.84	\$ -	\$ -	\$ -	508,318.84
Cash	\$ 34,038,224.47	\$ -	\$ -	\$ -	\$ -	34,038,224.47
Certificate of Deposit	\$ 100,000.00	\$ -	\$ -	\$ -	\$ -	100,000.00
Money Market	\$ 1,942,312.80	\$ -	\$ -	\$ -	\$ -	1,942,312.80
Totals	\$ 36,080,537.27	\$ 25,259,112.40	\$ 148,820,711.60	\$ 36,564,172.31	\$ -	246,724,533.58



Asset Description	Revenue Fund	Debt Service Fund	Debt Reserve Fund	Construction Fund	Cost of Issuance	Totals
Cash	\$ 34,038,224.47	\$ -	\$ -	\$ 174,626.00	\$ -	34,212,850.47
Certificate of Deposit	\$ 100,000.00	\$ -	\$ -	\$ -	\$ -	100,000.00
Money Market	\$ 1,942,312.80	\$ -	\$ -	\$ 21,390,739.19	\$ -	23,333,051.99
Money Market-Dreyfus	\$ -	\$ 2,296,814.25	\$ 9,713,772.82	\$ -	\$ -	12,010,587.07
Money Market-Federated PRM	\$ -	\$ 2,814,876.22	\$ 3,628,473.24	\$ -	\$ -	6,443,349.46
Money Market-Federated Govt. Ot	\$ -	\$ 20,147,421.93	\$ 15,266,401.09	\$ 7.12	\$ -	35,413,830.14
Muni-Bonds	\$ -	\$ -	\$ 92,264,249.10	\$ -	\$ -	92,264,249.10
Fannie Mae-MBS	\$ -	\$ -	\$ 22,728,591.20	\$ -	\$ -	22,728,591.20
Treasury - Agency	\$ -	\$ -	\$ 5,219,224.15	\$ 14,998,800.00	\$ -	20,218,024.15
Corporate Commercial Paper	\$ -	\$ -	\$ -	\$ -	\$ -	-
Asset Backed Commercial Paper	\$ -	\$ -	\$ -	\$ -	\$ -	-
Totals	\$ 36,080,537.27	\$ 25,259,112.40	\$ 148,820,711.60	\$ 36,564,172.31	\$ -	246,724,533.58



Prepared by Chris Duzyk

7/29/2016



Values on this statement are shown from your perspective  
A positive number is an asset  
A negative number is a liability

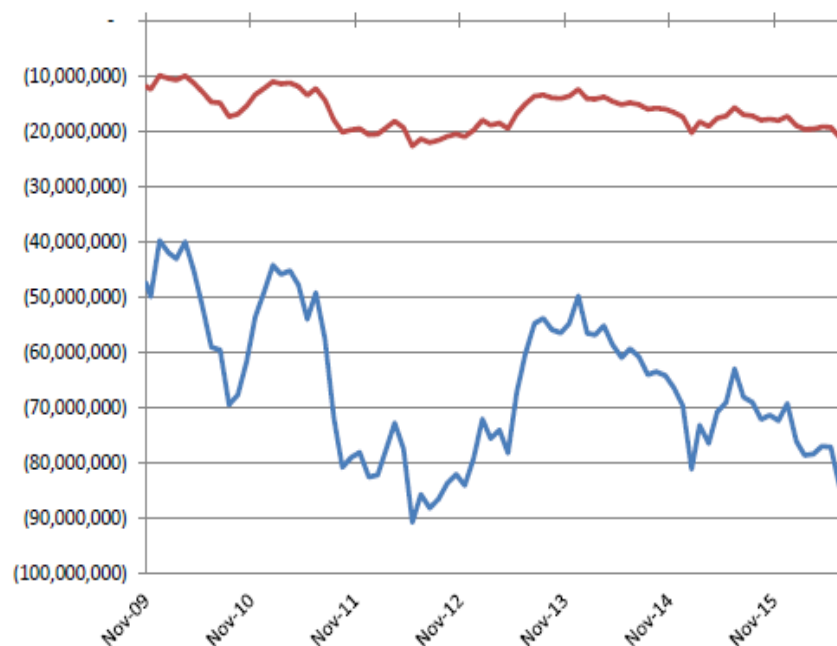
# MTM VALUATION AS OF CLOSE

## Louisville and Jefferson County Metropolitan Sewer District

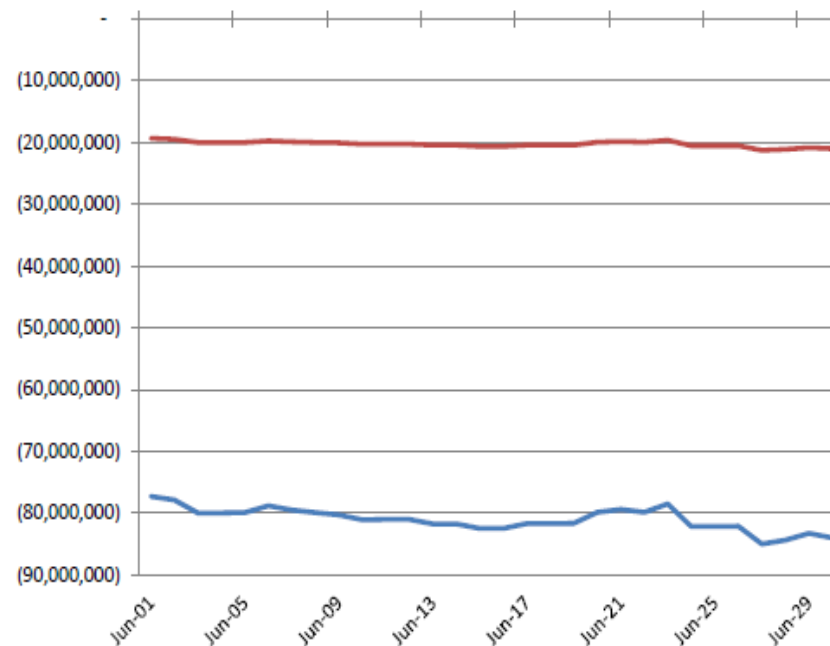
6/30/2016

Description	Ccy	Initial Notional	Current Notional	Credit Support Provider	Maturity Date	Base Value*	Accrued	Net Value**
Series 1999 - 1 -\$225.732M 67% LIBOR Fixed Payer Swap - Amended - 6/12/2013	----	180,716,000	180,716,000	Wells Fargo Bank, NA	05/15/2033	(81,134,668.39)	(310,660.85)	(81,445,329.24)
Series 1999 - 2 -\$56.433 67% LIBOR Fixed Payer Swap - Amended - 6/12/2013	USD	56,433,000	45,284,000	Bank of America, NA	05/15/2033	(20,308,588.31)	(77,874.31)	(20,386,462.62)
<b>Total USD Currency</b>		<b>237,149,000</b>	<b>226,000,000</b>			<b>(101,443,256.70)</b>	<b>(388,535.17)</b>	<b>(101,831,791.86)</b>

Historic Aggregate MTM (Inception to present)



Historic Aggregate MTM (last month)



All values reflect "mid-market" conditions as of market close 6/30/2016 and exclude accrued interest

\*Base Value is the Value without accrued interest.

\*\*Net Value is the Value plus accrued interest.

DerivActiv is not an accounting firm or an advisory service and does not provide accounting advice or comment on the suitability or appropriateness of any transaction.

## PERFORMANCE MATRIX - OPERATING EXPENSE

**FY 2016**

*"Manage the operating units of MSD within the FY2016 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
FY11 YTD Total	107,606,600	7,587,390	16,589,206	25,439,315	33,290,656	42,330,974	51,078,187	60,010,374	67,671,833	77,239,193	84,917,031	95,156,703	106,782,666
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

### Percent Expended to Date

FY11 YTD Total	7.11%	15.54%	23.82%	31.18%	39.64%	47.83%	56.20%	63.37%	72.33%	79.52%	89.11%	100.00%
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%

### 5 YEAR AVERAGE

6.94%	14.85%	23.19%	31.12%	39.16%	47.70%	56.06%	63.35%	72.12%	80.39%	89.14%	100.00%
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### Performance Matrix Results - FY 2015

FY15 Budget comparative on 5 YEAR AVERAGE	8,299,641	17,559,846	27,299,114	36,831,210	46,177,221	55,503,893	65,407,366	73,816,875	84,017,635	93,606,126	103,535,674	115,975,014
FY15 YTD Total	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
Variance of Actual to 5 YEAR AVERAGE	(1,628,143)	(2,693,635)	(3,745,219)	(5,195,019)	(5,855,945)	(5,170,357)	(7,054,018)	(7,308,264)	(8,137,913)	(8,216,649)	(8,316,473)	(9,800,608)
FY 2015 Performance Level Matrix Results	80.38%	84.66%	86.28%	85.90%	87.32%	90.68%	89.22%	90.10%	90.31%	91.22%	91.97%	91.55%

### 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)	(831,921)	(2,434,246)	(1,006,176)	(1,695,882)	(1,022,199)	(1,301,379)

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%
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### Performance Matrix

	FY15	FY16
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
FY11	107,606,600	106,782,666	99.23%	94.79%
FY12	111,795,300	106,587,246	95.34%	
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%	

### Results:

2013	92.42%	Exceptionally Achieves
2014	93.38%	Commendably Achieves
2015	93.55%	Commendably Achieves

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



# PERFORMANCE MATRIX - CAPITAL EXPENSE

FY 2016

"Effectively manage the FY2016 Capital Program to assure projects are completed on time and within budget."

Year to Date Totals	Budget	ACTUALS											
		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
5 YEAR AVERAGE by Month		7.02%	2.82%	5.14%	10.67%	6.94%	8.37%	8.98%	7.96%	6.40%	6.90%	8.50%	20.29%
YTD		7.02%	9.84%	14.99%	25.66%	32.60%	40.96%	49.95%	57.91%	64.30%	71.20%	79.71%	100.00%
<b>Performance Matrix Results - FY 2015</b>													
FY15 Budget Comparative on 5 YEAR AVERAGE		8,241,033	10,868,600	18,048,423	29,255,811	37,228,890	46,084,036	56,444,827	73,648,201	81,106,410	88,318,428	97,415,509	117,859,314
FY15 YTD Total		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
Variance of Actual to 5 YEAR AVERAGE		(2,894,151)	1,848,342	(6,416,060)	(6,217,553)	(7,307,627)	(7,096,275)	(10,144,397)	(18,596,610)	(19,338,447)	(17,477,866)	(15,776,419)	(560,611)
FY 2015 Performance Level Matrix 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%
FY14 Actual versus Budget Results		141.46%	88.68%	84.75%	94.48%	90.14%	88.20%	91.41%	79.87%	79.79%	78.24%	81.86%	79.12%
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 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)	0
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%

FY14 Variance to Engineer's Estimate	2.69%	-6.09%	1.39%	-1.59%	-2.56%	-1.84%	-1.65%	-1.19%	-1.06%	-13.67%	-13.24%	-13.20%
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 Bid Estimate	6,237,581	9,755,084	15,547,644	19,287,638	25,444,542	38,903,966	39,163,966	39,260,856	39,931,306	83,094,371	86,960,462	89,983,462
FY16 Board Approved	5,723,814	9,143,812	15,273,345	19,040,242	26,801,914	39,293,347	39,473,327	39,564,737	40,174,206	79,529,806	82,792,135	86,272,675
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%

FY 2014 Performance Level Matrix Results	138.77%	94.77%	83.36%	96.07%	92.70%	90.04%	93.06%	81.06%	80.85%	91.91%	95.10%	92.32%
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%	87.12%	85.81%	91.14%	90.53%	101.21%	103.37%	102.31%

Performance Matrix			
	FY14	FY15	FY16
Exceptionally Achieves	>92.5%	>92.5%	>95.0%
Commendably Achieves	85% - 92.4%	85% - 92.4%	90% - 94.9%
Fully Achieves	75% - 84.9%	75% - 84.9%	80% - 89.9%
Minimally Achieves	65.1% - 74.9%	65.1% - 74.9%	75% - 79.9%
Fails to Achieve	<65%	<65%	<75%

( FY16 Actual to Budget % + / - FY16 Variance to Eng. Estimate % )

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

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

Performance Matrix Results			
	Budget *	Actual *	Percentage
FY11	163,822,500	138,311,288	84.43%
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%
AVERAGE		106,876,020	77.72%

\* Does not include Force Account amounts.

Submitted by: Patrick Meador

7/27/2016

## 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
Bancroft	0	1	0	0	0	0	0	0
Berrytown	0	0	0	0	1	0	1	2
Cedar Creek	4	0	0	0	0	0	0	0
Derek R. Guthrie	1	2	0	0	0	0	0	3
Floyds Fork	4	2	0	1	0	0	0	0
Hite Creek	0	2	0	4	0	0	0	0
Hunting Creek North	1	0	2	0	0	3	0	0
Hunting Creek South	3	2	10	5	3	4	0	0
J-Town	13	1	0	0	0	1	1	1
Ken Carla	1	1	0	0	0	1	0	0
McNeely Lake	0	1	0	0	1	3	2	0
Morris Forman	0	0	3	2	0	0	0	15
Shadow Wood	1	0	5	8	0	3	0	0
Starview Estates	1	0	0	0	0	0	0	0
Timberlake	5	2	0	2	0	4	0	0
Closed Plants	8	2	6	4	1	3	9	1
<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>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>

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

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

\*year removed from service

Regional Treatment Plants

	Unauthorized Dry Weather Discharges							
	2008	2009	2010	2011	2012	2013	2014	2015
Bypass	10	21	13	3	8	8	8	0
Electrical	1	3	3	1	2	0	1	0
Grease	0	4	1	1	0	1	4	6
Mechanical	4	5	7	7	4	2	1	3
Obstruction	3	4	9	13	16	8	4	5
Flood	11	1	0	2	0	0	0	1
Roots	7	3	4	3	2	2	5	2
Structural	4	11	3	12	8	2	6	8
<b>Total Discharges - Cumulative</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>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>

**S. A. Discharge Free Months (b)** 91.67% 89.17% 91.67% 91.25% 91.67% 95.21% 93.96% 94.79%

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

Results: 2013 95.00% Commendable Achieves  
2014 96.30% Commendable Achieves  
2015 95.24% Commendable Achieves

UD Performance Goals (50%)			
	Discharges		FY 2016
Exceptional Achieves	< 16	97%	> 97%
Commendable Achieves	16 to 26	95%	95% to 96.9%
Fully Achieves	27 to 40	92%	92.10% to 94.9%
Minimal Achieves	41 to 51	89%	89.10% to 92.0%
Fails to Achieve	> 51	89%	< 89%

FY 2016 Violations												
July	August	Sept.	October	November	December	January	February	March	April	May	June	
0	0	0	0	0	0	0	0	*2016				
0	0	0	0	0	*2016							
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	2	0	0	0	0	0
0	0	*2016										
0	*2016											
0	0	0	2	0	0	*2016						
0	0	*2016										
0	0	0	0	0	0	0	0	0	0	*2016		
1	0	0	2	0	0	0	4	0	2	0	2	
0	0	*2016										
0	0	0	0	0	0	0	0	*2016				
0	*2016											
1	1	1	5	5	5	7	11	11	13	13	15	
1	1	1	3	3	3	4	5	5	6	6	7	

93.33% 96.43% 97.37% 93.75% 94.83% 95.52% 94.67% 93.98% 94.38% 93.68% 94.00% 93.33%

FY16 Unauthorized Discharges												
July	August	Sept.	October	November	December	January	February	March	April	May	June	
1	0	1	1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	1	0	0
0	0	0	0	2	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	0	0	0	0	1	0	0	0	0
1	1	2	1	0	3	1	1	1	2	0	2	
2	3	7	9	11	15	16	17	20	24	25	27	
2	3	7	9	11	15	16	17	20	24	25	27	

95.00% 96.25% 94.17% 94.38% 94.50% 93.75% 94.29% 94.69% 94.44% 94.00% 94.32% 94.38%

Weighted Average

94.2% 96.3% 95.8% 94.1% 94.7% 94.6% 94.5% 94.3% 94.4% 93.8% 94.2% 93.9%

NOV Performance Goals (50%)			
	FY 2014	FY 2015	FY 2016
Exceptional Achieves	> 97%	> 97%	> 97%
Commendable Achieves	95% to 96.9%	95% to 96.9%	95% to 96.9%
Fully Achieves	92.10% to 94.9%	92.10% to 94.9%	92.10% to 94.9%
Minimal Achieves	89.10% to 92.0%	89.10% to 92.0%	89.10% to 92.0%
Fails to Achieve	< 89%	< 89%	< 89%

## Performance Matrix - Safety

OSHA Recordable Injuries  
Lost Time due to Injury  
Preventable Vehicular Accidents  
FY 2016

"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	3	10	12	14	15	17	21	22	22	25	26	26
Annualized	36	60	48	42	36	34	36	33	29	30	28	26
Percentage	80%	133%	107%	93%	80%	76%	80%	73%	65%	67%	63%	58%
<b>Lost Time due to Injury</b>												
Cumulative Number	3	6	8	13	15	17	18	21	25	27	28	31
Annualized	36	36	32	39	36	34	31	31	33	32	31	31
Percentage	100%	100%	89%	108%	100%	94%	86%	87%	93%	90%	85%	86%
<b>Preventable Accidents</b>												
Cumulative Number	5	8	18	23	33	35	42	44	52	55	55	62
Annualized	60	48	72	69	79	70	72	66	69	66	60	62
Percentage	92%	74%	111%	106%	122%	108%	111%	102%	107%	102%	92%	95%
<b>Weighted Average</b>	91%	102%	102%	103%	101%	93%	92%	87%	88%	86%	80%	80%

<u>Actual</u>	<u>OSHA Rec. Inj.</u>		<u>Lost Time</u>		<u>Preventable Accidents</u>	
2011	55		21		83	
2012	60		21		87	
2013	44		28		60	
2014	38		30		46	
2015	54		39		50	
Average	50		28		65	
<b>Weight</b>	<b>33%</b>		<b>33%</b>		<b>33%</b>	
Exceptional	< 36	80%	< 28.8	80%	< 52	80%
Commendable	< 40.5	90%	< 32.5	90%	< 58.5	90%
Fully	= 45	100%	= 36	100%	= 65	100%
Minimal	> 49.5	110%	> 39.5	110%	> 71.5	110%
Fails	> 54	120%	> 43.2	120%	> 78	120%

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

<u>Weighted Average Performance Goals</u>			
	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>
Exceptional Achieves	< 80%	< 80%	< 80%
Commendable Achieves	80.1% to 89%	80.1% to 90%	80.1% to 90%
Fully Achieves	89.1% to 100.0%	90.1% to 100.0%	90.1% to 100.0%
Minimal Achieves	100.1% to 120.9%	100.1% to 119.9%	100.1% to 119.9%
Fails to Achieve	> 121%	> 120%	> 120%

## Performance Matrix - Customer Service

Service Requests - MSD Assets  
Drainage Service Requests  
Backup Service Requests  
FY 2016

"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 Annualized	2,008 24,096	3,178 19,068	4,232 16,928	5,107 15,321	6,077 14,585	7,233 14,466	7,947 15,894	8,989 13,483	10,342 13,789	11,707 14,105	12,910 14,033	14,123 14,123
Customers	254,286	254,286	254,286	254,286	254,286	254,286	254,286	254,369	254,370	254,616	254,616	254,825
Percentage Free	91%	93%	93%	94%	94%	94%	94%	95%	95%	94%	94%	94%
<b>Drainage Service Requests</b>												
Cumulative Open Requests	1,419	2,744	3,910	4,893	5,799	6,607	7,344	8,105	8,986	10,016	11,211	12,569
Cumulative Open Requests < 9 Months	1,404	2,723	3,884	4,864	5,768	6,571	7,297	8,049	8,912	9,914	11,071	12,402
Percentage	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%
<b>Backup Service Requests</b>												
Total Backup Requests	283	513	760	1,023	1,335	1,711	2,057	2,385	2,763	3,045	3,382	3,674
Backup Requests Responded to Within 4 Hours	245	465	704	960	1,246	1,595	1,921	2,229	2,569	2,836	3,151	3,434
Percentage	87%	91%	93%	94%	93%	93%	93%	93%	93%	93%	93%	93%
<b>Weighted Average</b>	92.0%	94.1%	95.1%	95.7%	95.7%	95.7%	95.5%	95.8%	95.6%	95.5%	95.5%	95.5%

<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%	12,410	11,316	91.18%	4,083	3,597	88.10%
2015	14,326	244,694	94.15%	11,237	10,524	93.65%	4,103	3,578	87.20%
Average	11,969	242,487	95.07%	11,824	10,920	92.42%	4,093	3,588	87.65%
Weight	33%			33%			33%		
Exceptional	< 98%			< 96%			< 94%		
Commendable	< 96%			< 94%			< 91%		
Fully	= 92%			= 90%			= 88%		
Minimal	> 87%			> 85%			> 84%		
Fails	> 83%			> 81%			> 79%		

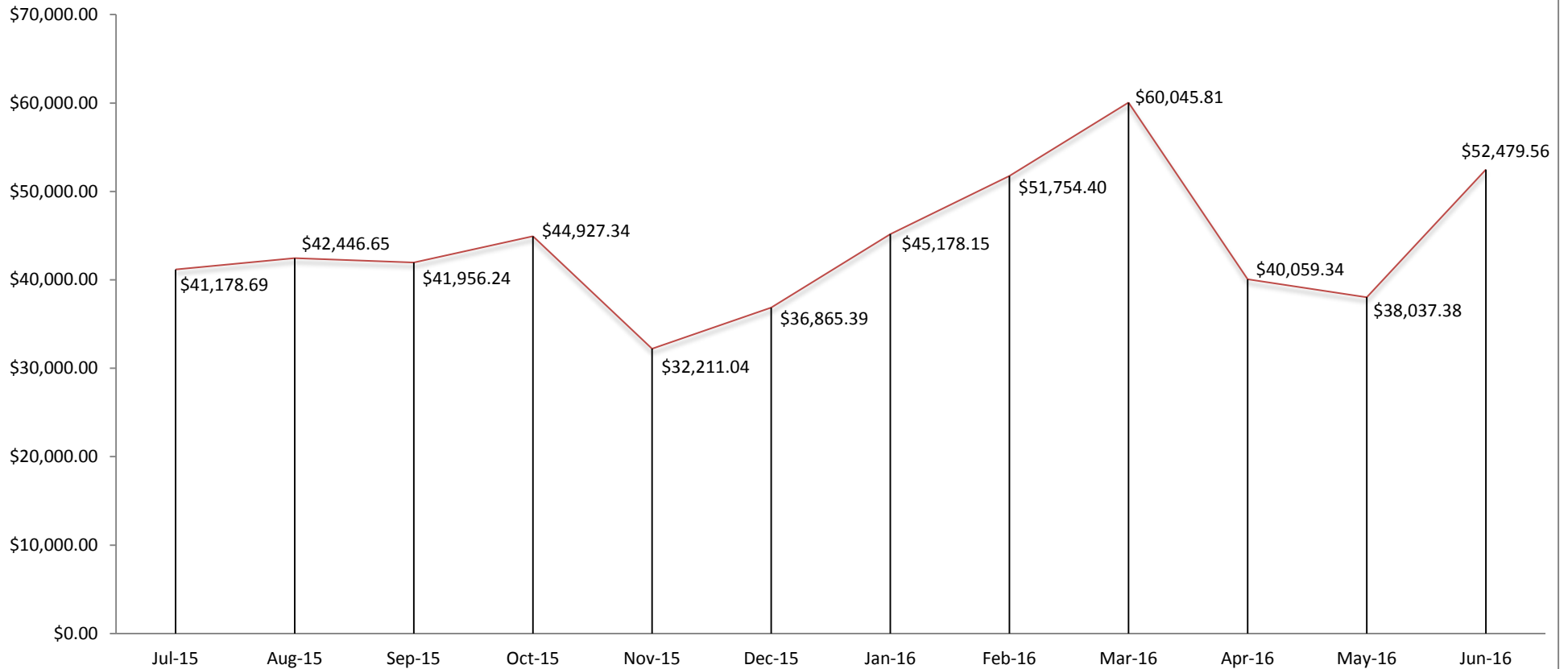
2014	91.75%	Fully Achieves
2015	91.66%	Fully Achieves

<u>Weighted Average Performance Goals</u>	
	<b>FY 2016</b>
Exceptional Achieves	> 96.0%
Commendable Achieves	93.7% to 95.9%
Fully Achieves	90.0% to 93.6%
Minimal Achieves	81.1% to 89.9%
Fails to Achieve	< 81.0%

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## P-CARD TOTAL SPEND

### DATE RANGE: JULY 31, 2015 TO JUNE 30, 2016



#### **P-cards issued= 116**

##### Total violation =

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

#### **P-card By Division**

- Executive Office= 3
- Legal=3
- Human Resources=4
- Finance=5
- Engineering Division
- Regulatory & GIS = 2
- Development = 4
- Design & Construction = 6

#### **Operations**

- Administration = 1
- Collections Systems = 15
- Drainage & Flood Protection = 10
- Treatment Facilities (Maintenance) = 13
- Collections System (Sanitary) = 5
- Support Services = 15
- Treatment Facilities = 19
- Performance = 4

#### **Information Technology Division**

- Information Technology= 7

ORIGINAL REPORT CREATED BY: KEVIN SCHMIDT 7.12.2016

**PURCHASING TOP 10 GOODS & SERVICES CONTRACTS**  
**TWELVE MONTH TOTAL SPEND BY PURCHASE ORDER**  
**REVIEW PERIOD: CONTRACT EFFECTIVE DATE THROUGH 6/30/2016**

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

CONTRACT DATE RANGE	7/1/2015-6/30/2016	1/1/2016 - 6/30/2016	1/1/2016 - 12/31/2021	8/1/2015 - 7/31/2016	7/1/2015 - 6/30/2016	7/1/2015 - 6/30/2016	1/1/2015 - 12/31/2016	9/1/2015 - 8/31/2016	8/1/2015 - 7/31/2016	06/23/2015- 06/30/2016
PURCHASE ORDER VALUE	\$ 2,666,132.00	\$ 1,323,300.00	\$ 1,296,583.00	\$ 1,056,821.82	\$ 975,234.00	\$ 955,333.00	\$ 937,500.00	\$ 881,660.00	\$ 753,500.00	\$ 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 (Power Staffing)	IT Consulting Services (Teksystems, Inc.)
TOTAL SPEND BY CONTRACT EFFECTIVE AND EXPIRATION DATE	\$ 2,177,273.66	\$ 1,268,661.90	\$ 789,350.02	\$ 601,168.73	\$ 905,772.95	\$ 356,894.16	\$ 1,095,939.55	\$ 466,420.19	\$ 133,245.49	\$ 922,160.90
% SPEND	81.7%	95.9%	60.9%	56.9%	92.9%	37.4%	116.9%	52.9%	17.7%	85.5%
<b>TOTAL SPEND BY FISCAL YEAR 2016</b>										
EFFECTIVE JULY 1, 2015	\$ 2,177,273.66	\$ 1,268,661.90	\$ 789,350.02	\$ 601,168.73	\$ 905,772.95	\$ 356,894.16	\$ 1,095,939.55	\$ 466,420.19	\$ 133,245.49	\$ 922,160.90

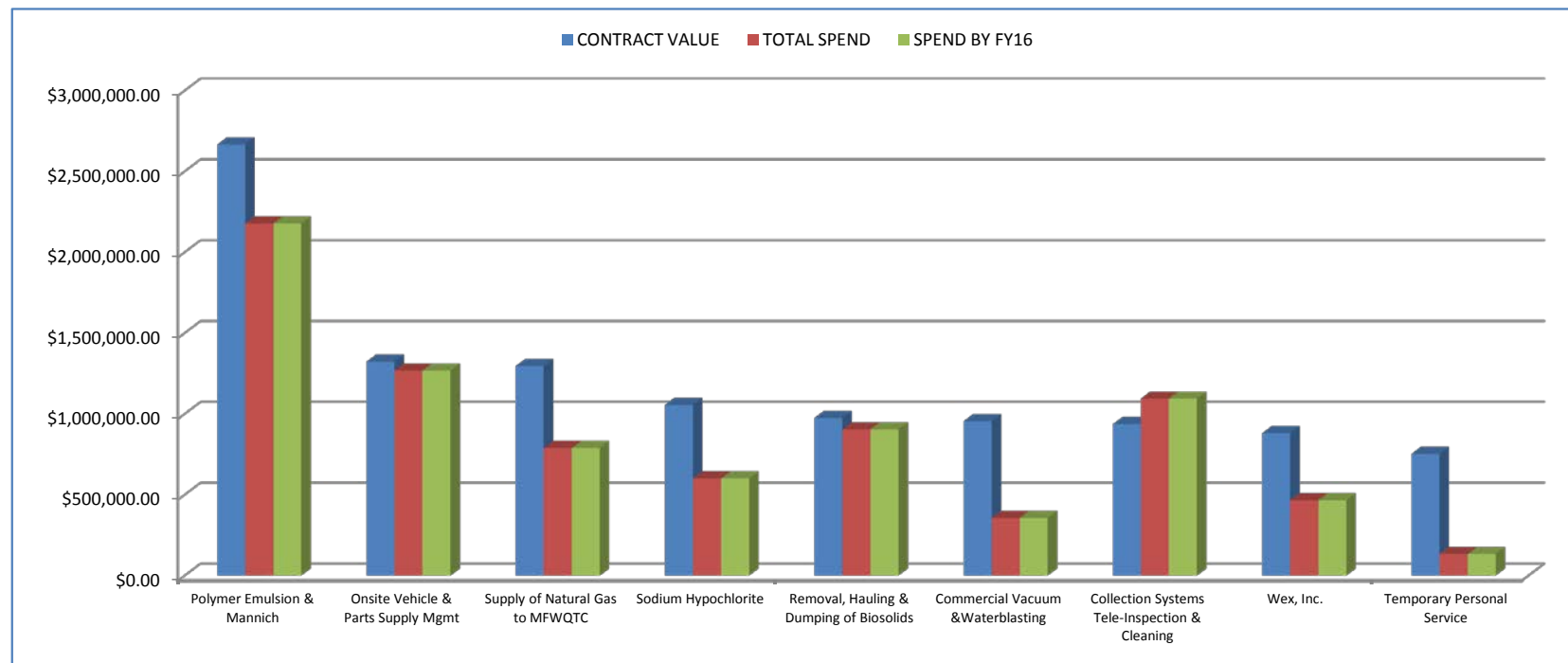
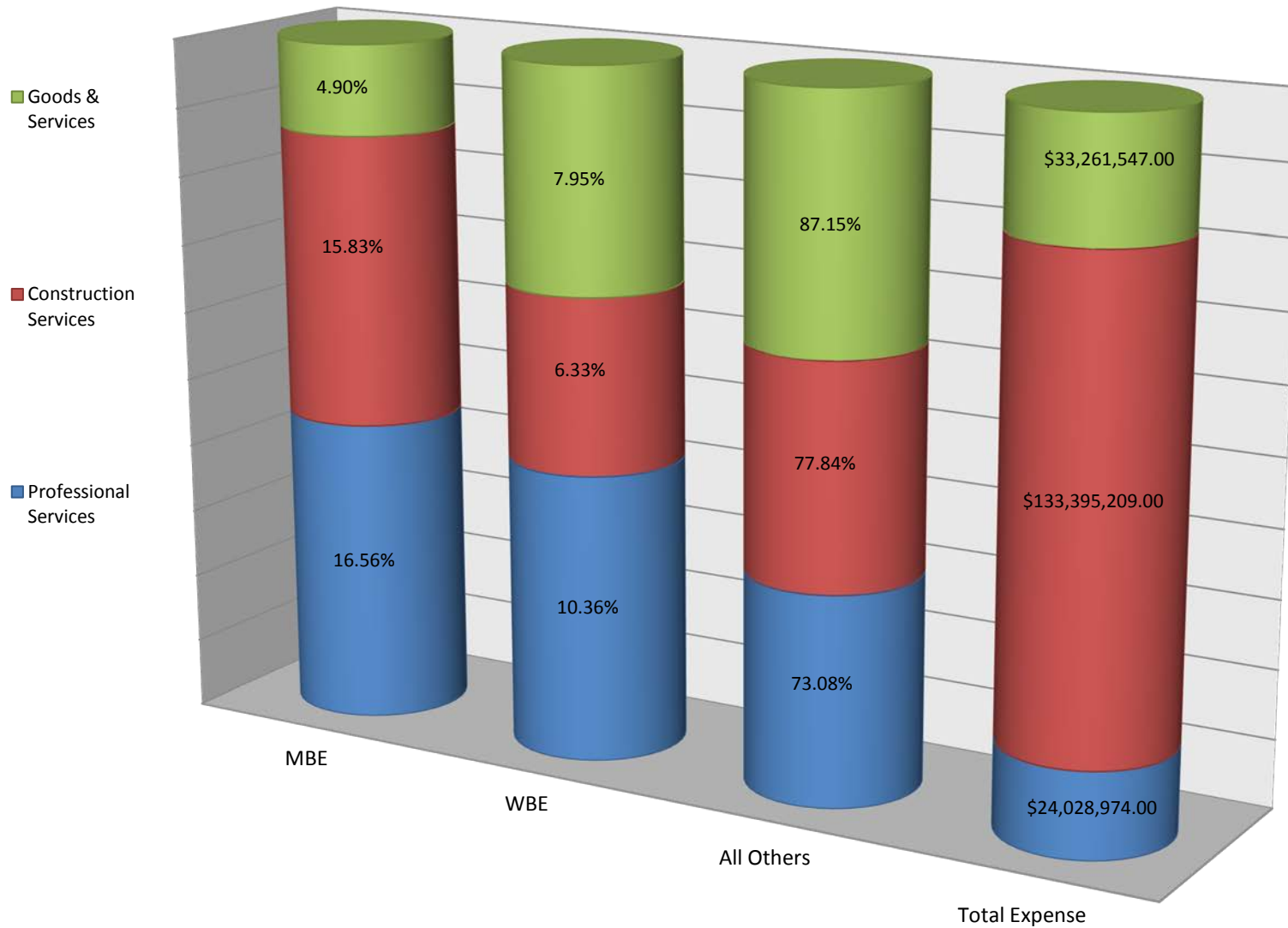


Chart Created by: KEVIN SCHMIDT 7/12/2016



**MBE/ WBE Expenditure Report  
YTD July 1, 2015 - June 30, 2016**



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

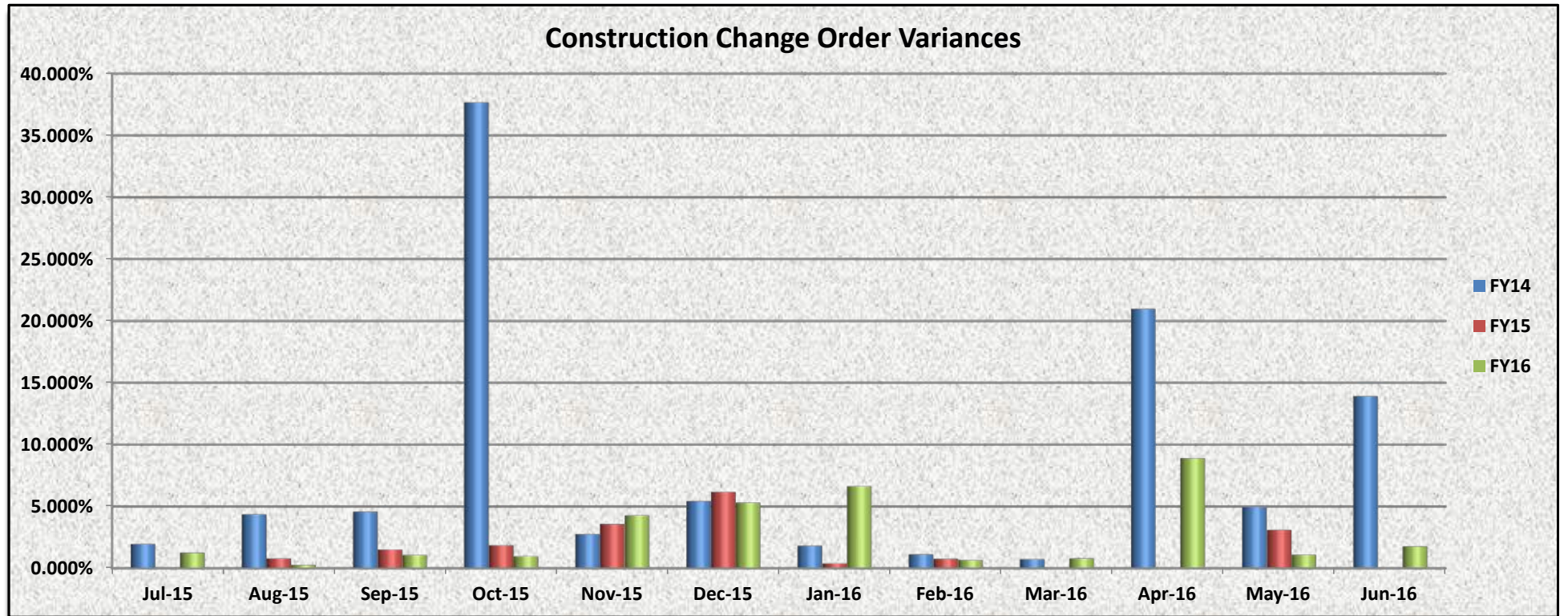
CHART CREATED BY: K.SCHMIDT 7/21/16

## Construction Change Order Variance Report

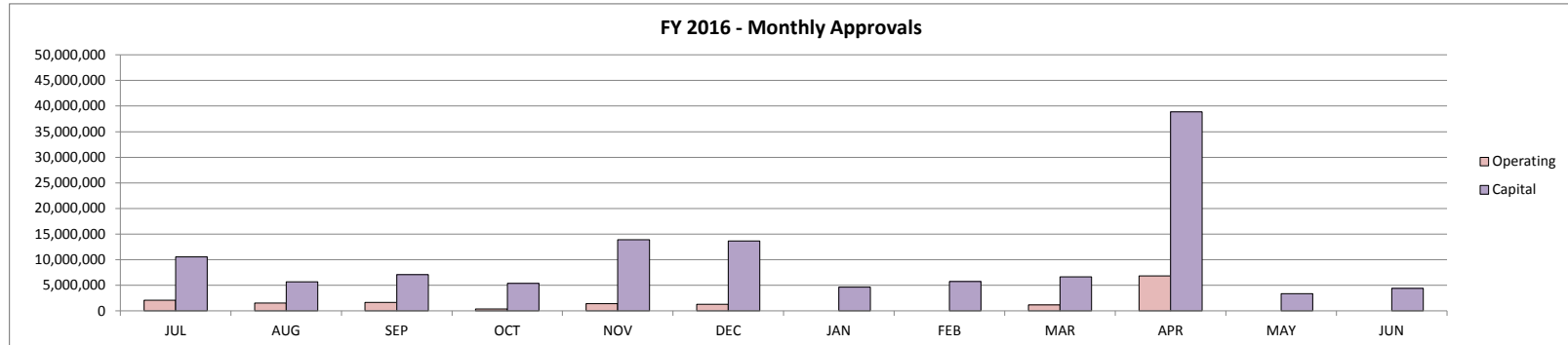
FY14			
MONTH	TOTAL ORIGINAL AMOUNT	TOTAL CHANGE ORDER AMOUNT	VARIANCE
Jul-13	\$ 8,770,873.80	\$ 173,168.07	1.974%
Aug-13	\$ 8,385,039.37	\$ 365,306.60	4.357%
Sep-13	\$ 10,028,930.24	\$ 457,927.11	4.566%
Oct-13	\$ 730,000.00	\$ 275,000.00	37.671%
Nov-13	\$ 8,419,074.00	\$ 231,499.27	2.750%
Dec-13	\$ 1,465,659.51	\$ 79,615.04	5.432%
Jan-14	\$ 1,901,221.25	\$ 34,878.03	1.835%
Feb-14	\$ 23,166,502.69	\$ 265,335.71	1.145%
Mar-14	\$ 56,422,131.91	\$ 407,874.46	0.723%
Apr-14	\$ 1,333,650.00	\$ 279,820.78	20.982%
May-14	\$ 12,081,937.93	\$ 598,416.11	4.953%
Jun-14	\$ 831,912.00	\$ 115,686.00	13.906%
<b>TOTAL</b>	<b>\$ 133,536,932.70</b>	<b>\$ 3,284,527.18</b>	<b>2.460%</b>

FY15			
MONTH	TOTAL ORIGINAL AMOUNT	TOTAL CHANGE ORDER AMOUNT	VARIANCE
Jul-14	\$ -	\$ -	
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	\$ -	\$ -	
Apr-15	\$ -	\$ -	
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>

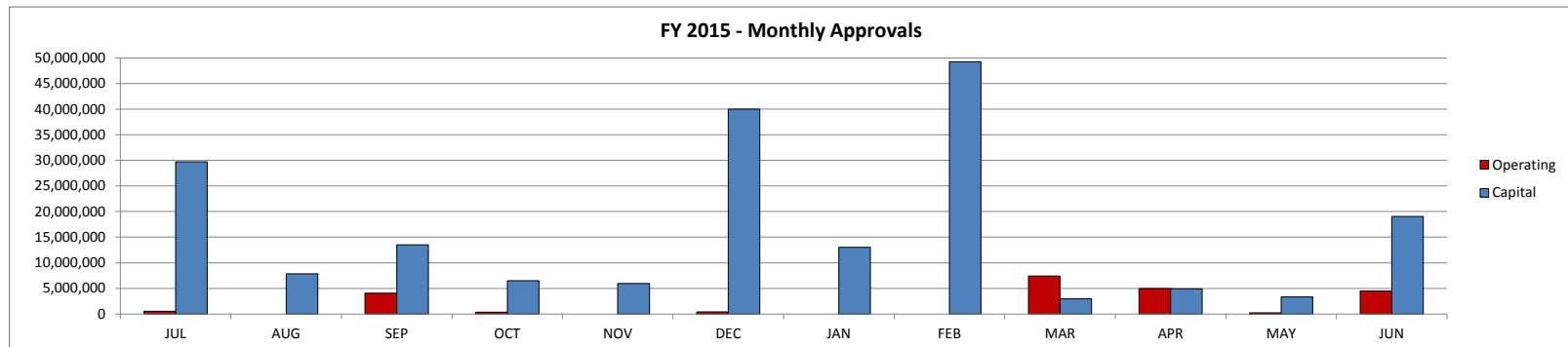
FY16			
MONTH	TOTAL ORIGINAL AMOUNT	TOTAL CHANGE ORDER AMOUNT	VARIANCE
Jul-15	\$ 99,092,486.14	\$ 1,229,573.70	1.241%
Aug-15	\$ 38,538,217.88	\$ 101,142.17	0.262%
Sep-15	\$ 127,426,508.52	\$ 1,345,304.87	1.056%
Oct-15	\$ 60,444,554.35	\$ 595,535.39	0.985%
Nov-15	\$ 7,972,084.50	\$ 341,579.79	4.285%
Dec-15	\$ 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	\$ 55,008,508.29	\$ 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>\$ 629,977,523.46</b>	<b>\$ 13,981,985.97</b>	<b>2.219%</b>



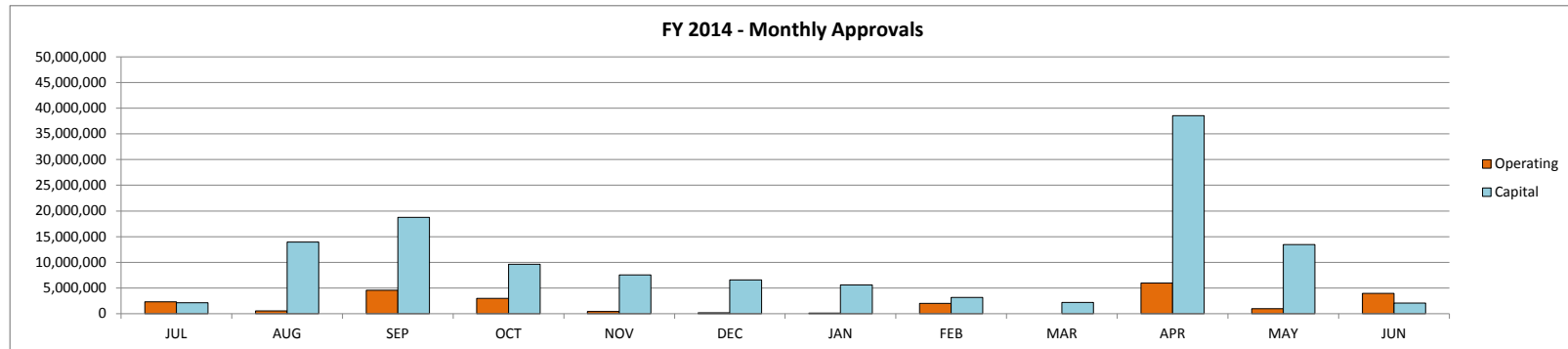
<b>BOARD MEETING ACTIONS 6-27-16</b>				
<u>DESCRIPTION</u>	<u>DEPARTMENT</u>	<u>ACCOUNT</u>	<u>OPERATING</u>	<u>CAPITAL</u>
Garney Companies / Logan CSO Basin	H09142 - Eng Design / Construction	52140 - Professional Services		\$297,795
Ulliman Schutte / Southwestern Pkwy CSO Basin	H09132 - Eng Design / Construction	52140 - Professional Services		\$2,955,720
Louisville - Jefferson Cty Metro Gov / Southwestern Pkwy CSO Basin	H09132 - Eng Design / Construction	52140 - Professional Services		\$1,114,000
		<b>June Totals</b>	<u>\$0</u>	<u>\$4,367,515</u>
		<b>Y-T-D TOTALS</b>	<u><b>\$16,495,603</b></u>	<u><b>\$119,871,042</b></u>



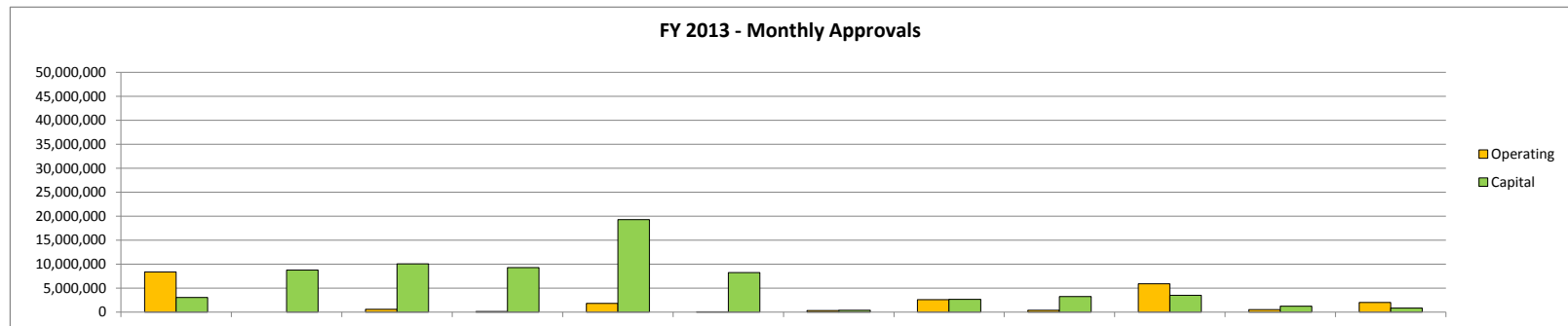
<u>2016</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>	<u>Percentage</u>
Operating	2,106,697	1,564,811	1,670,350	400,000	1,423,300	1,296,583	0	0	1,172,755	6,861,107	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>



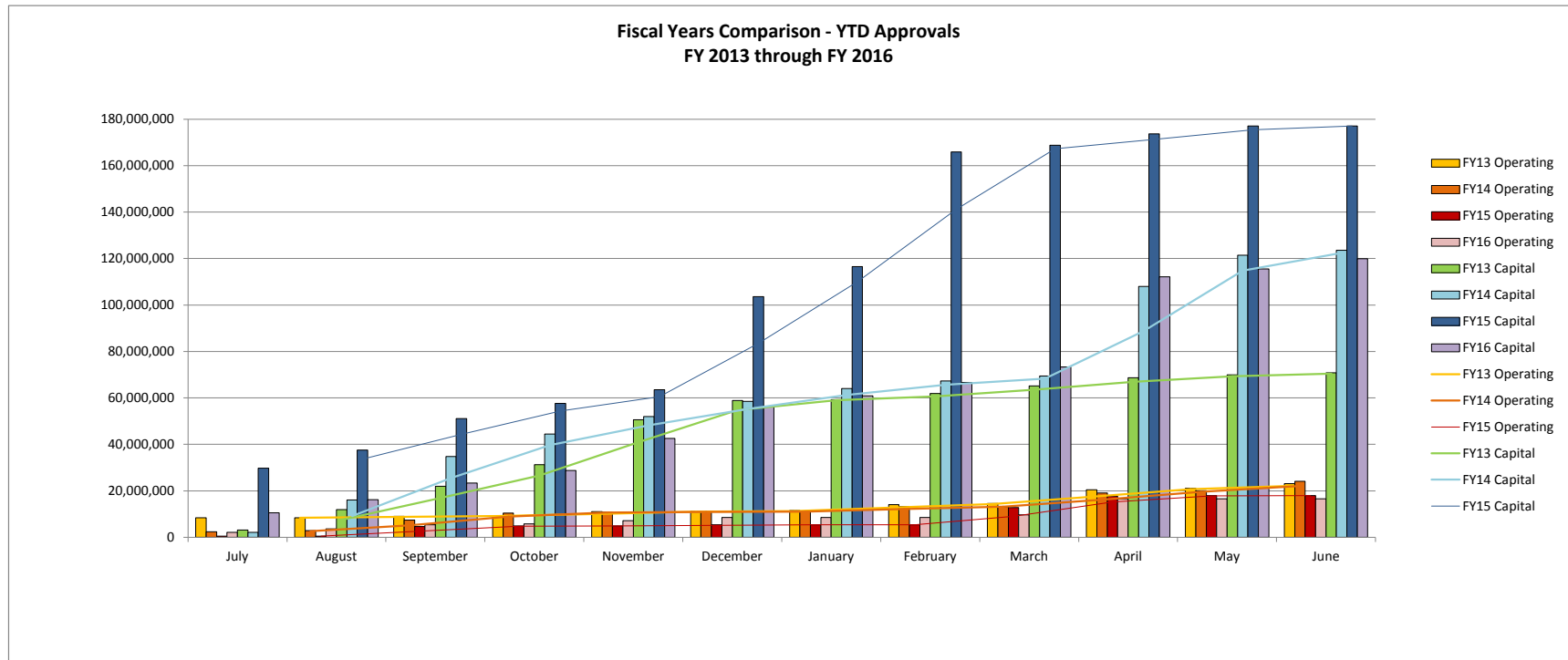
<u>2015</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>	<u>Percentage</u>
Operating	524,000	0	4,036,001	334,790	0	421,801	0	0	7,400,112	4,985,695	250,000	4,489,873	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>



<u>2013</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	8,401,404	0	629,646	125,000	1,840,075	113,750	355,563	2,603,498	420,014	5,956,454	563,258	2,051,234	23,059,896	25%
Capital	3,080,181	8,787,007	10,081,966	9,317,696	19,300,516	8,300,000	384,492	2,661,294	3,266,098	3,556,384	1,235,534	886,861	70,858,029	75%
<b>Total</b>	<b>11,481,585</b>	<b>8,787,007</b>	<b>10,711,612</b>	<b>9,442,696</b>	<b>21,140,591</b>	<b>8,413,750</b>	<b>740,055</b>	<b>5,264,792</b>	<b>3,686,112</b>	<b>9,512,838</b>	<b>1,798,792</b>	<b>2,938,095</b>	<b>93,917,925</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>
<b>Operating</b>	2,106,697	3,671,508	5,341,858	5,741,858	7,165,158	8,461,741	8,461,741	8,461,741	9,634,496	16,495,603	16,495,603	16,495,603	16,495,603	12%
<b>Capital</b>	10,546,131	16,194,205	23,297,078	28,688,287	42,606,221	56,277,743	60,907,826	66,644,603	73,317,063	112,167,063	115,503,527	119,871,042	119,871,042	88%
<b>Total</b>	<u>12,652,828</u>	<u>19,865,713</u>	<u>28,638,936</u>	<u>34,430,145</u>	<u>49,771,379</u>	<u>64,739,484</u>	<u>69,369,567</u>	<u>75,106,344</u>	<u>82,951,559</u>	<u>128,662,666</u>	<u>131,999,131</u>	<u>136,366,646</u>	<u>136,366,646</u>	<u>100%</u>

<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>
<b>Operating</b>	524,000	524,000	4,560,001	4,894,791	4,894,791	5,316,592	5,316,592	5,316,592	12,716,704	17,702,399	17,952,399	17,952,399	22,442,272	10%
<b>Capital</b>	29,727,349	37,575,374	51,075,622	57,562,224	63,533,667	103,544,367	116,570,966	165,843,622	168,830,878	173,735,754	177,090,644	177,090,644	196,134,107	90%
<b>Total</b>	<u>30,251,349</u>	<u>38,099,374</u>	<u>55,635,623</u>	<u>62,457,015</u>	<u>68,428,458</u>	<u>108,860,959</u>	<u>121,887,558</u>	<u>171,160,214</u>	<u>181,547,582</u>	<u>191,438,153</u>	<u>195,043,043</u>	<u>195,043,043</u>	<u>218,576,379</u>	<u>100%</u>



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