

FINANCIAL REPORT
MAY 2016



METROPOLITAN SEWER DISTRICT
MONTHLY FINANCIAL REPORT
MAY 2016

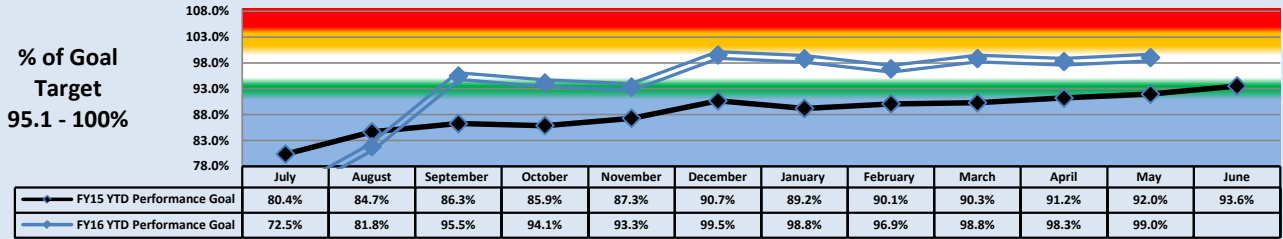
Table of Contents

<u>Performance Metrics:</u>	1
<u>Financial Statements:</u>	
Financial Overview	2-3
Statement of Revenue, Expense & Change in Net Position	4
Statement of Net Position	5
<u>Operating Expenses:</u>	
Operating Budget Performance YTD	6
Monthly Operating Expenditures	7
Summary of MSD Operating Expenses	8
Detail of MSD Operating Expenses	9 - 10
MSD Staffing	11
MSD Overtime Analysis	12
<u>Capital Spending:</u>	
MSD Bid Variance	13
MSD Capital Budget Performance	14
MSD Monthly Capital Spending by Type	15
MSD Annual Capital Spending by Type	16
MSD Maple Street Project Expense Summary	17
<u>Customers:</u>	
MSD's Operating Revenue	18
Wastewater Customer Count	19
New Customer Count (Data unavailable due to new system implementation)	20
<u>Capital Markets:</u>	
Market Rates	21 - 22
Kentucky Municipal Market Update	23
MSD Investment by Category	24
Muni Bond Investments	25
MSD Commercial Paper	26
MSD Current Investment Model	27
Mark to Market Valuation of SWAPS	28
<u>Performance Metrics Details:</u>	
Operating Budget Expenditures	29
Capital Expenditures	30
Regulatory	31
Safety	32
Customer Service	33
<u>Miscellaneous</u>	
Monthly P-Card Spending	34
Top 10 Goods & Services Purchasing Contracts	35
MBE/WBE Expenditure Report	36
Construction Change Order Variance Report	37
Board Approvals for Operating and Capital Expenditures	38
Board Approvals for Operating and Capital Expenditures – FY Comparison	39
Board Approvals for Operating and Capital Expenditures – Monthly Approvals	40-41

FY 2016 MSD Performance Metrics

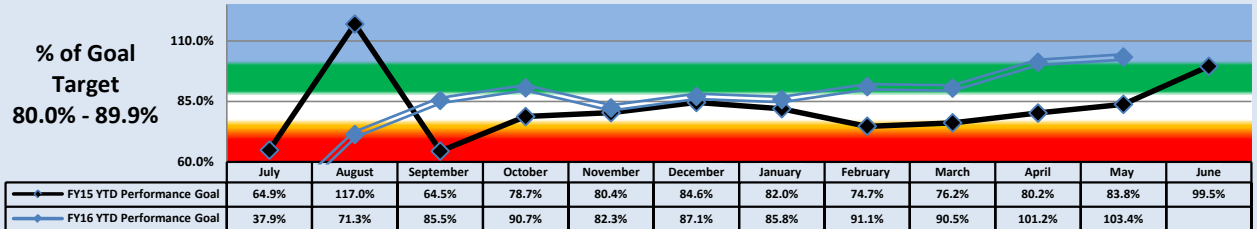
Operational Expense

FY16 \$116,021,156



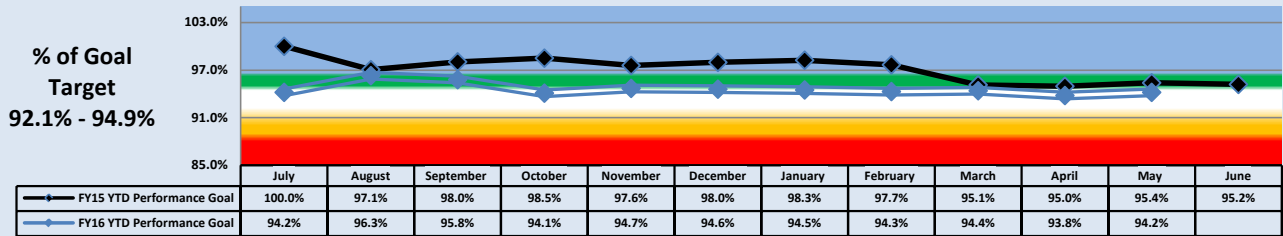
Capital Expense

FY16 \$187,476,329



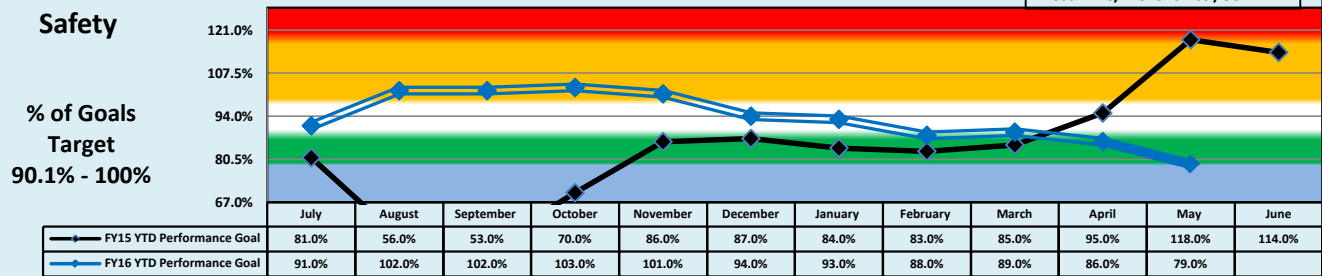
Regulatory

Violation Free Months



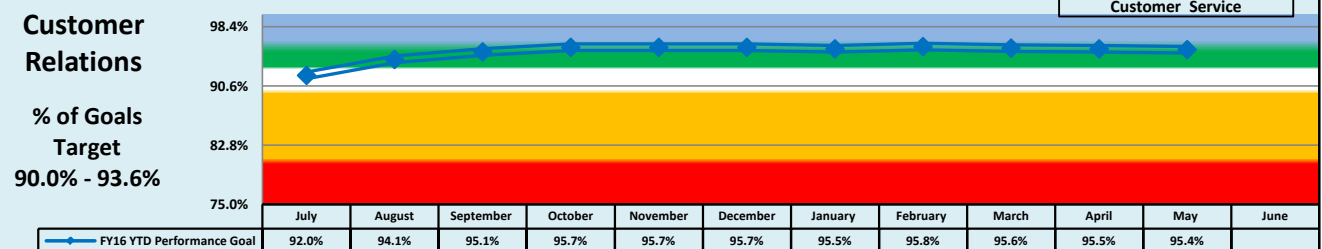
Safety

Lost Time/Prevent Acc /OSHA



Customer Relations

Customer Service



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MSD
FINANCIAL OVERVIEW
NET INCOME ANALYSIS
May 2016

NET INCOME:

Net Income	YTD	YTD	Variance	%	FYTD 2016	FY 2016	%
(thousands)	FY 2016	FY 2015		Change	Budget	Budget Var	
Net Operating Income	89,925	83,308	6,617	7.94%	82,706	7,219	8.73%
Investment Income	15,765	16,769	(1,004)	(5.99%)	17,325	(1,560)	(9.00%)
Interest Expense	(68,622)	(67,406)	(1,215)	(1.80%)	(72,233)	3,612	5.00%
Other Non-operating	-	831	(831)	(100.00%)	-	-	
Net Income before Swaps	37,069	33,502	3,566	10.65%	27,797	9,271	33.35%
Change in Fair Value/Swap	(15,411)	(12,653)	(2,758)	(21.80%)		(15,411)	
Total Net Income	\$ 21,658	\$ 20,849	\$ 809	3.88%	\$ 27,797	\$ (6,140)	(22.09%)

- Net Operating Income for FY 2016 is \$89.9 million compared to \$83.3 million for the same period last year, an increase of \$6.6 million or 7.9% and is \$7.2 million or 8.7% more than budget FYTD.
- Investment Income for FY 2016 of \$15.8 million is \$1 million or 6.0% less than the same period last year. FYTD investment income is \$1.6 million or 9.0% less than budget.
- Interest Expense for FY 2016 is \$1.2 million or 1.8% more than the same period last year. FYTD interest expense is \$3.6 million or 5.0% less than budget which is partially due to the amortization of the 2015 BAN premium.
- Net Income before Swaps totaled \$37.1 million compared to \$33.5 million for the same period last year, an increase of \$3.5 million or 10.7% and is \$9.3 million or 33.4% more than budget FYTD.
- Total Net Income/(loss) including MTM change on swaps totaled \$21.7 million, \$0.8 million more than the amount for the same period last year, and is \$6.1 million or 22% less than budget FYTD.

Submitted by: Brad Good
June 21, 2016

MSD
FINANCIAL OVERVIEW
REVENUE & EXPENSE ANALYSIS
May 2016

REVENUES:

Revenue (thousands)	YTD FY 2016	YTD FY 2015	Variance	% Change	FYTD 2016 Budget	FY 2016 Budget Var	%
Wastewater	168,838	158,652	10,186	6.42%	164,259	4,579	2.79%
Stormwater	50,319	46,898	3,421	7.30%	50,211	108	0.22%
Other	4,214	3,956	257	6.50%	4,040	174	4.30%
Total Operating Revenue	\$ 223,371	\$ 209,506	\$ 13,864	6.62%	\$ 218,510	\$ 4,861	2.22%

- Total Operating Revenue for FY 2016 was \$223.4 million compared to \$209.5 million for the same period last year, an increase of \$13.9 million or 6.6% and is \$4.9 million or 2.2% more than budgeted revenues.
- Wastewater Service Charges totaled \$168.8 million for the year. This is an increase of \$10.2 million or 6.4% from last year and \$4.6 million or 2.8% more than budget.
- Stormwater service charges were \$50.3 million for the year, an increase of \$3.4 million or 7.3% from last year and \$0.1 million or 0.2% more than budget.
- Other income was \$0.3 million or 6.5% more than the amount recorded one year ago and is \$0.2 or 4.3% 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	77,167	68,016	9,152	13.46%	77,138	30	0.04%
Depreciation	56,278	58,182	(1,904)	(3.27%)	58,667	(2,388)	(4.07%)
Total Operating Expenses	\$ 133,445	\$ 126,198	7,248	5.74%	\$ 135,804	\$ (2,359)	(1.74%)

- Service & Administrative Costs of \$77.2 million for FY 2016 is \$9.1 million or 13.5% more than the same period last year and \$0.03 million or 0.04% more than FYTD budget.
- Total Operating Expense for FY 2016 was \$133.4 million which is 5.7% or \$7.2 million more than the same period last year and 1.7% or \$2.4 million less than FYTD budget.

Submitted by: Brad Good
June 21, 2016

STATEMENT OF CHANGES IN NET POSITION, MAY 31, 2016

May 2016	May 2015	VARIANCE	%		YTD May 2016	YTD May 2015	VARIANCE	%
8,434,907.61	7,075,485.42	1,359,422.19	0.19	Sewer Charges	92,543,425.71	87,384,606.72	5,158,818.99	0.06
5,600,940.00	5,474,835.39	126,104.61	0.02	Residential	54,303,267.11	58,069,951.85	(3,766,684.74)	(0.06)
1,830,901.82	1,255,939.00	574,962.82	0.46	Commercial	18,269,824.09	15,719,832.93	2,549,991.16	0.16
616,458.34	(176,978.65)	793,436.99	(4.48)	Industrial	7,652,305.77	2,641,585.11	5,010,720.66	1.90
(254,958.83)	151,399.77	(406,358.60)	(2.68)	Other	(3,930,763.63)	(5,163,957.17)	1,233,193.54	(0.24)
16,228,248.94	13,780,680.93	2,447,568.01	0.18	Free Sewer Charges	168,838,059.05	158,652,019.44	10,186,039.61	0.06
				Total Sewer Charges				
4,865,374.07	4,056,762.74	808,611.33	0.20	Drainage Charges	50,318,842.95	46,897,607.40	3,421,235.55	0.07
21,093,623.01	17,837,443.67	3,256,179.34	0.18	Total Service Charges	219,156,902.00	205,549,626.84	13,607,275.16	0.07
430,532.40	(21,453.28)	451,985.68	(21.07)	Other Operating Income	4,213,632.72	3,956,476.03	257,156.69	0.06
21,524,155.41	17,815,990.39	3,708,165.02	0.21	Total Operating Revenue	223,370,534.72	209,506,102.87	13,864,431.85	0.07
				Operating Expenses				
3,332,161.21	3,107,275.64	224,885.57	0.07	Salaries & Wages	36,380,536.40	34,837,310.54	1,543,225.86	0.04
820,475.33	1,114,883.48	(294,408.15)	(0.26)	Labor Related Overhead	14,129,514.41	14,462,725.04	(333,210.63)	(0.02)
1,386,996.33	1,764,822.46	(377,826.13)	(0.21)	Utilities	16,914,819.66	12,541,260.07	4,373,559.59	0.35
597,585.04	1,014,133.73	(416,548.69)	(0.41)	Materials & Supplies	7,923,290.08	8,088,264.43	(164,974.35)	(0.02)
2,415,528.60	2,157,811.65	257,716.95	0.12	Contractual Services	21,222,417.01	17,775,959.58	3,446,457.43	0.19
388,932.51	273,941.10	114,991.41	0.42	Chemicals	3,738,658.84	3,245,367.48	493,291.36	0.15
83,151.57	211,514.65	(128,363.08)	(0.61)	Fuel	1,211,933.40	1,452,019.41	(240,086.01)	(0.17)
131,409.11	148,578.98	(17,169.87)	(0.12)	Insurance Premiums & Claims	1,563,507.30	1,389,811.64	173,695.66	0.12
251,256.10	(21,278.42)	272,534.52	(12.81)	Bad Debt	2,398,050.81	1,126,012.21	1,272,038.60	1.13
195,595.44	56,780.29	138,815.15	2.44	Other Operating Expense	1,025,046.37	764,347.29	260,699.08	0.34
-	-	-		Mapping/Insurance Recovery	(1,018,097.00)	(465,137.00)	(552,960.00)	
(2,332,629.43)	(2,097,447.81)	(235,181.62)	0.11	Capitalized Overhead	(28,322,480.57)	(27,202,407.80)	(1,120,072.77)	0.04
-	-	-		Capital Expenses (over)/under applied	-	-	-	
7,270,461.81	7,731,015.75	(460,553.94)	(0.06)	Total Service and Administrative Costs	77,167,196.71	68,015,532.89	9,151,663.82	0.13
4,939,435.17	4,987,841.66	(48,406.49)	(0.01)	Depreciation	55,102,478.25	56,981,643.71	(1,879,165.46)	(0.03)
104,697.12	108,756.15	(4,059.03)	(0.04)	Amortization	1,175,708.32	1,200,640.65	(24,932.33)	(0.02)
5,044,132.29	5,096,597.81	(52,465.52)	(0.01)	Total Depreciation/Amortization	56,278,186.57	58,182,284.36	(1,904,097.79)	(0.03)
12,314,594.10	12,827,613.56	(513,019.46)	(0.04)	Total Operating Expenses	133,445,383.28	126,197,817.25	7,247,566.03	0.06
9,209,561.31	4,988,376.83	4,221,184.48	0.85	Net Operating Income	89,925,151.44	83,308,285.62	6,616,865.82	0.08
				Non-Operating Revenue (Expenses)				
-	-	-		Gain/Loss Disposal of Assets	-	-	-	
2,003,003.38	2,167,808.08	(164,804.70)	(0.08)	Investment Income	15,765,237.38	16,769,367.19	(1,004,129.81)	(0.06)
(6,773,851.71)	(6,618,524.50)	(155,327.21)	0.02	Interest Expense	(68,621,516.73)	(67,406,398.25)	(1,215,118.48)	0.02
(4,770,848.33)	(4,450,716.42)	(320,131.91)	0.07	Total Non-Operating Revenue (Expenses)	(52,856,279.35)	(50,637,031.06)	(2,219,248.29)	0.04
-	-	-		Contributions	-	831,125.00	(831,125.00)	
4,438,712.98	537,660.41	3,901,052.57	7.26	Change in Net Position before change in Swaps	37,068,872.09	33,502,379.56	3,566,492.53	0.11
(10,872,753.96)	2,386,011.99	(13,258,765.95)	(5.56)	Change in Fair Value of Swaps	(15,411,357.31)	(12,653,387.30)	(2,757,970.01)	0.22
(6,434,040.98)	2,923,672.40	(9,357,713.38)	(3.20)	Change in Net Position after change in Swaps	21,657,514.78	20,848,992.26	808,522.52	0.04

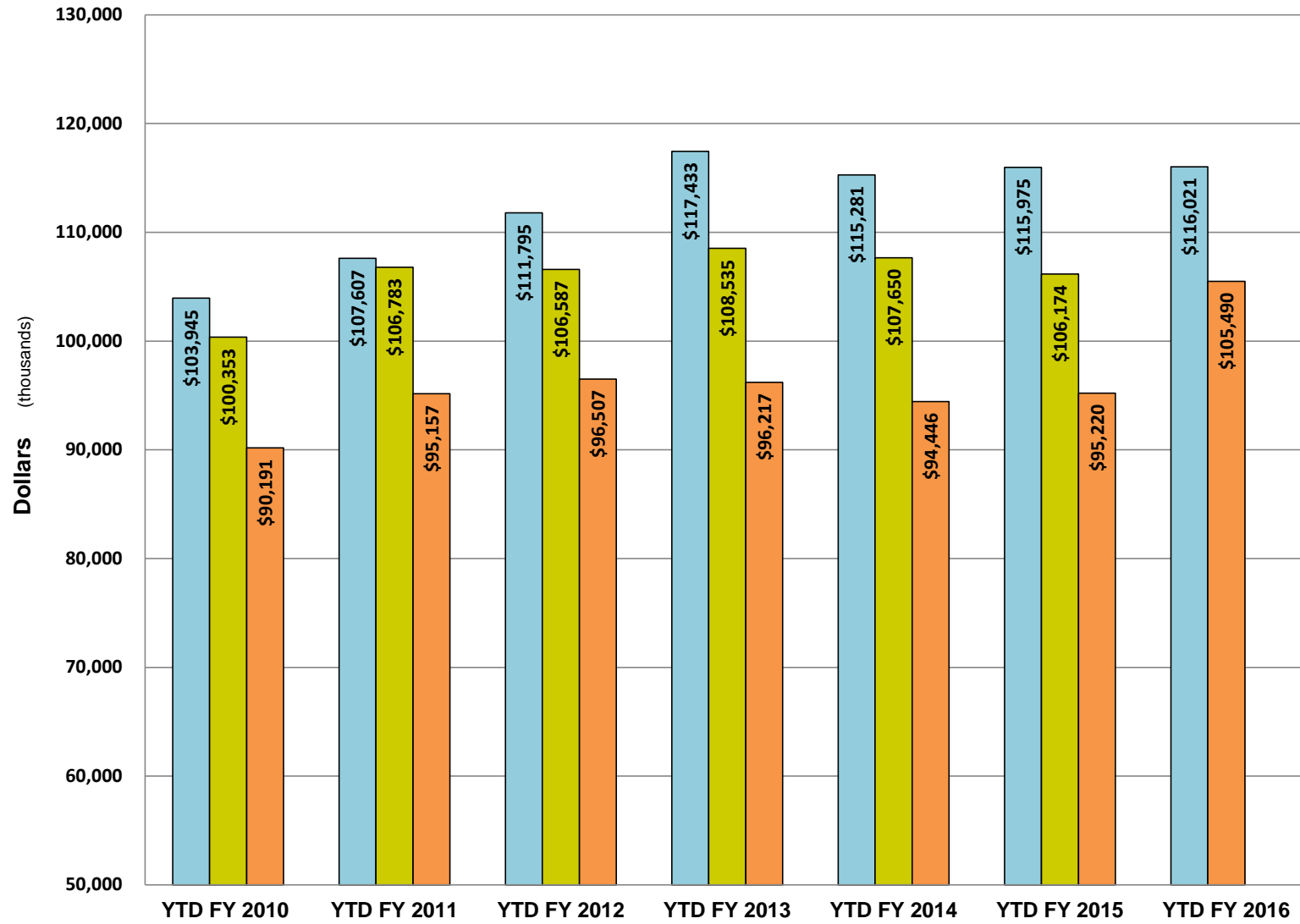
Prepared by: Brad Good
6/21/2016

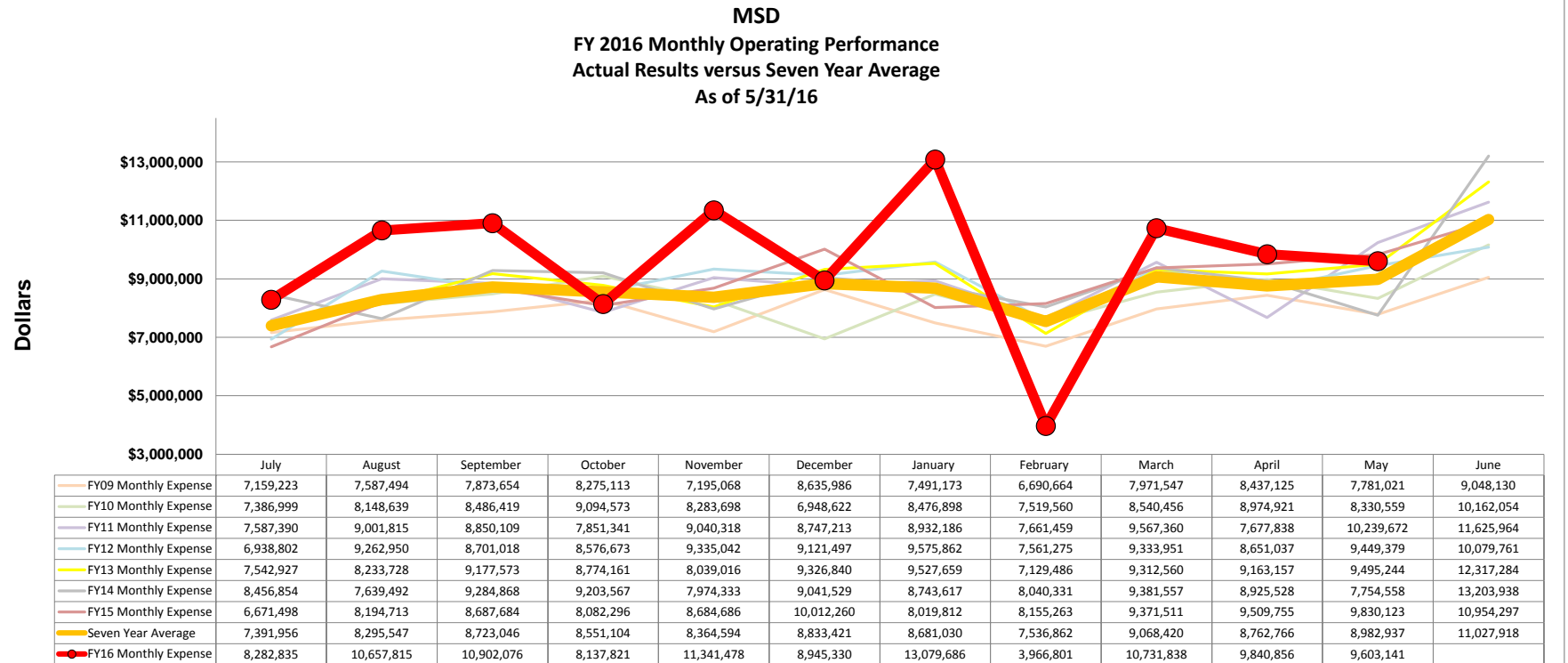
STATEMENT OF NET POSITION, MAY 31, 2016

	Reporting period May 2016	Reporting period JUNE 2015	VARIANCE	
Current Assets				
Unrestricted Cash & Cash Equivalents	151,924,544.38	63,113,411.57	88,811,132.81	1.41
Sewer & Drainage Receivable	21,623,028.40	19,858,843.32	1,764,185.08	0.09
Assessment Warrants Receivable	918,251.17	1,844,417.79	(926,166.62)	(0.50)
Miscellaneous Receivables	3,459,432.56	2,083,886.28	1,375,546.28	0.66
Inventories	4,117,892.95	3,980,739.16	137,153.79	0.03
Prepaid Expenses	517,404.08	1,687,472.36	(1,170,068.28)	(0.69)
Restricted Funds	101,537,242.74	155,121,441.85	(53,584,199.11)	(0.35)
Accrued Interest Receivable	1,193,227.98	1,193,227.98	-	0.00%
Total Current Assets	285,291,024.26	248,883,440.31	36,407,583.95	0.15
Non-Current Assets				
Utility Plant in Service	2,848,344,387.61	2,777,788,488.76	70,555,898.85	0.03
Accumulated Depreciation	(1,063,665,840.49)	(1,008,503,475.01)	(55,162,365.48)	0.05
Construction in Progress	747,056,146.63	623,181,353.56	123,874,793.07	0.20
Net Fixed Assets	2,531,734,693.75	2,392,466,367.31	139,268,326.44	0.06
Non-Current Receivables	29,780,225.77	30,806,603.67	(1,026,377.90)	(0.03)
Total Assets	2,846,805,943.78	2,672,156,411.29	174,649,532.49	0.07
Total Deferred Outflow of Resources	14,622,698.39	20,406,268.68	(5,783,570.29)	(0.28)
Total Assets & Deferred Outflow of Resources	2,861,428,642.17	2,692,562,679.97	168,865,962.20	0.06
Current Liabilities				
Miscellaneous Accounts Payable	8,146,145.50	9,613,078.46	(1,466,932.96)	(0.15)
Accounts Payable - Construction	6,559,790.09	21,714,273.56	(15,154,483.47)	(0.70)
Contract Retainage	13,431,686.88	8,892,994.91	4,538,691.97	0.51
Accrued Interest Payable	7,629,422.54	13,035,917.18	(5,406,494.64)	(0.41)
Current Maturities of Bonds Payable	31,825,000.00	29,415,000.00	2,410,000.00	0.08
Bond Anticipation Notes	228,460,071.79	228,507,615.47	(47,543.68)	(0.00)
Deposits Payable	2,352,785.87	1,639,499.14	713,286.73	0.44
Accrued Salaries & Wages	1,475,491.24	1,443,159.77	32,331.47	0.02
Accrued Workers' Comp Insurance	1,755,238.06	1,755,238.06	-	0.00
Employee Comp Absences Payable	2,336,360.02	2,124,417.12	211,942.90	0.10
Total Current Liabilities	303,971,991.99	318,141,193.67	(14,169,201.68)	(0.04)
Non-Current Liabilities				
Long-Term Debt Payable	1,722,745,000.00	1,583,390,000.00	139,355,000.00	0.09
Other Long-Term Liability	121,359,381.50	113,729,345.59	7,630,035.91	0.07
Total Non-Current Liabilities	1,844,104,381.50	1,697,119,345.59	146,985,035.91	0.09
Total Liabilities	2,148,076,373.49	2,015,260,539.26	132,815,834.23	0.07
Total Deferred Inflow of Resources	106,825,306.45	92,232,693.22	14,592,613.23	0.16
Total Liabilities & Deferred Inflow of Resources	2,254,901,679.94	2,107,493,232.48	147,408,447.46	0.07
Net Position	606,526,962.23	585,069,447.49	21,457,514.74	0.04

Prepared by: Brad Good
6/21/2016

FY 2016
MSD Operating Budget Performance
as of 5/31/16





(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 5/31/16

<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	35,694,969	36,380,460	34,835,681	685,491	1,544,779
Labor Related Overhead	15,591,573	14,129,514	14,463,636	(1,462,059)	(334,122)
Utilities	14,759,881	16,914,589	12,532,386	2,154,708	4,382,203
Materials & Supplies	6,743,941	6,554,766	6,688,626	(189,175)	(133,860)
Contractual Services	24,066,015	23,143,902	17,909,278	(922,113)	5,234,624
Chemicals	3,850,727	3,738,619	3,244,505	(112,108)	494,114
Fuel	1,507,526	1,020,365	1,336,688	(487,161)	(316,323)
Insurance Premiums & Claims	1,216,197	1,563,507	1,391,394	347,310	172,113
Bad Debt	1,833,326	2,408,315	1,126,012	574,989	1,282,303
Other Operating Expense	1,247,722	998,481	731,204	(249,241)	267,277
System Roll-up Variance	0	(1,362,841)	959,791	(1,362,841)	(2,322,632)
TOTAL	106,511,877	105,489,677	95,219,201	(1,022,200)	10,270,476

<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	7,741,891	7,193,211	7,041,273	(548,680)	151,938
Executive	3,991,505	6,482,309	2,557,067	2,490,804	3,925,242
Finance	10,225,583	10,227,283	8,548,418	1,700	1,678,865
Human Resources	5,954,310	5,178,092	5,684,527	(776,218)	(506,435)
Information Technology	7,028,115	7,715,571	5,400,011	687,456	2,315,560
Legal Services	1,894,712	1,414,144	1,304,074	(480,568)	110,070
OPERATIONS GROUP	69,675,761	68,641,908	63,724,040	(1,033,853)	4,917,868
System Roll-up Variance	0	(1,362,841)	959,791	(1,362,841)	(2,322,632)
TOTAL	106,511,877	105,489,677	95,219,201	(1,022,200)	10,270,476

<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)	17,265,906	15,074,595	14,207,469	(2,191,311)	867,126
DRAINAGE & FP - (I&FP)	17,834,715	16,857,262	11,749,752	(977,453)	5,107,510
PERFORMANCE	1,338,994	860,775	1,105,223	(478,219)	(244,448)
SUPPORT - (Phy Assets)	1,948,286	6,577,116	6,572,242	4,628,830	4,874
TREATMENT - (MFWTP)	31,287,860	29,272,159	30,089,354	(2,015,701)	(817,195)
Operations Group Total	69,675,761	68,641,908	63,724,040	(1,033,853)	4,917,868

**Detail of MSD Operating Expense
as of 5/31/16**

	<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	5,411,806	5,130,270	(2,005,479)	1,541,268	1,757,366	1,556,224	1,612,350	1,446,324
Labor Related Overhead	1,967,557	1,744,981	568,176	513,911	628,549	542,117	2,127,610	1,725,869
Utilities	0	880	1,650	0	0	0	351,806	386,127
Materials & Supplies	164,701	141,977	67,985	54,252	62,013	60,264	191,850	172,560
Contractual Services	117,126	100,966	4,888,616	3,901,140	4,884,582	4,746,802	1,559,873	1,403,035
Chemicals	0	0	0	0	0	0	0	0
Fuel	0	0	0	0	0	0	0	0
Insurance Premiums & Claims	0	1,256	0	0	989,031	873,849	0	213
Bad Debt	0	0	0	0	1,833,326	2,408,315	0	0
Other Operating Expense	80,701	72,880	470,557	471,737	70,716	39,714	110,821	43,964
Settlement Accounts	0	0	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0	0	0
Total	7,741,891	7,193,211	3,991,505	6,482,309	10,225,583	10,227,283	5,954,310	5,178,092

	<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	2,459,117	2,140,565	713,277	672,508	25,746,532	23,893,302	35,694,969	36,380,460
Labor Related Overhead	845,637	612,352	215,022	183,392	9,239,022	8,806,892	15,591,573	14,129,513
Utilities	614,724	700,406	0	29	13,791,701	15,827,147	14,759,881	16,914,589
Materials & Supplies	310,835	432,339	28,439	14,556	5,918,118	5,678,817	6,743,941	6,554,766
Contractual Services	2,705,422	3,762,956	626,853	320,843	9,283,543	8,908,160	24,066,015	23,143,902
Chemicals	0	0	0	0	3,850,727	3,738,619	3,850,727	3,738,619
Fuel	0	0	0	0	1,507,526	1,020,365	1,507,526	1,020,365
Insurance Premiums & Claims	0	0	227,166	157,798	0	530,392	1,216,197	1,563,507
Bad Debt	0	0	0	0	0	0	1,833,326	2,408,315
Other Operating Expense	92,380	66,953	83,955	65,019	338,592	238,214	1,247,722	998,481
Settlement Accounts	0	0	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0	0	(1,362,841)
Total	7,028,115	7,715,571	1,894,712	1,414,144	69,675,761	68,641,908	106,511,877	105,489,676

**Detail of MSD Operating Expense
as of 5/31/16**

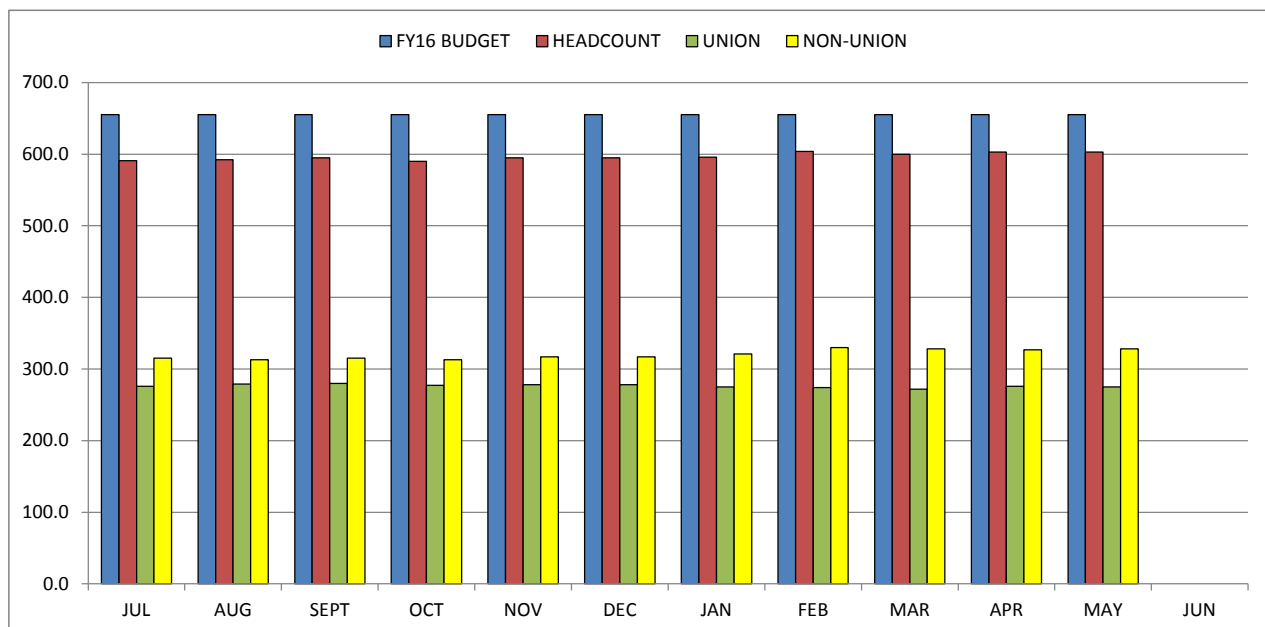
	<u>COLLECTIONS</u>		<u>DRAINAGE & FP</u>		<u>PERFORMANCE MATRIX</u>	
<u>Operating Expenses</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>	<u>FY16 Budget</u>	<u>FY16 YTD Act</u>
Salaries & Wages	8,607,119	8,203,812	4,982,770	3,852,107	956,556	628,392
Labor Related Overhead	3,125,841	2,890,283	1,874,724	1,842,991	360,660	227,623
Utilities	91,663	46,491	4,659,192	5,458,337	0	0
Materials & Supplies	1,789,640	1,328,161	1,176,810	2,072,025	7,050	1,640
Contractual Services	3,107,557	2,083,440	4,348,267	3,250,312	4,540	2,574
Chemicals	7,600	598	724,152	357,374	0	0
Fuel	9,163	606	26,000	1,592	0	0
Insurance Premiums & Claims	440,000	503,541	0	11,351	0	0
Bad Debt	0	0	0	0	0	0
Other Operating Expense	87,323	17,663	42,800	11,174	10,188	546
Settlement Accounts	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0
Total	17,265,906	15,074,595	17,834,715	16,857,262	1,338,994	860,775

	<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	2,959,372	2,986,222	8,240,715	8,222,769	25,746,532	23,893,302
Labor Related Overhead	1,068,940	1,045,080	2,808,857	2,800,914	9,239,022	8,806,892
Utilities	(21,587)	102,601	9,062,433	10,219,719	13,791,701	15,827,147
Materials & Supplies	790,682	529,947	2,153,936	1,747,044	5,918,118	5,678,817
Contractual Services	(3,696,872)	831,308	5,520,051	2,740,526	9,283,543	8,908,160
Chemicals	(229,167)	0	3,348,142	3,380,647	3,850,727	3,738,619
Fuel	1,450,460	1,015,921	21,903	2,246	1,507,526	1,020,365
Insurance Premiums & Claims	(440,000)	14,500	0	1,000	0	530,392
Bad Debt	0	0	0	0	0	0
Other Operating Expense	66,458	51,538	131,823	157,295	338,592	238,214
Settlement Accounts	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0
Total	1,948,286	6,577,116	31,287,860	29,272,159	69,675,761	68,641,908

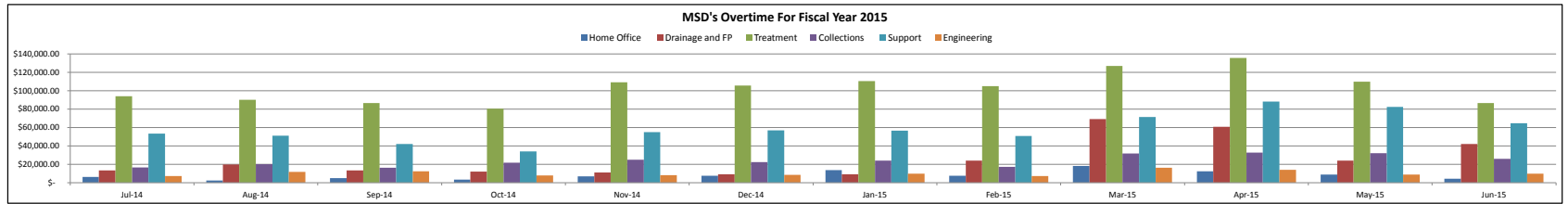
W
MSD STAFFING
May

	<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	21.0	21.0	29.0
HUMAN RESOURCES	0.0	22.0	22.0	24.0
INFORMATION TECH	0.0	30.0	30.0	35.0
LEGAL	0.0	8.0	8.0	9.0
OPERATIONS	275.0	138.0	413.0	447.0
ALL DIVISIONS	275.0	328.0	603.0	655.0

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



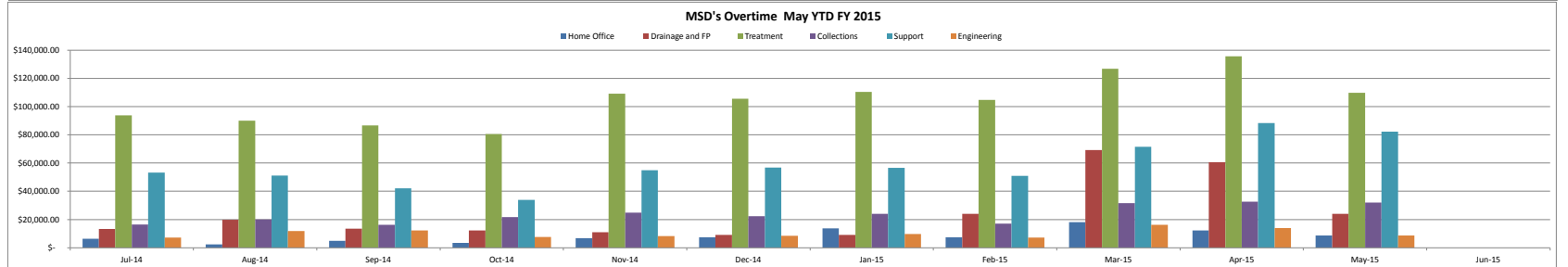
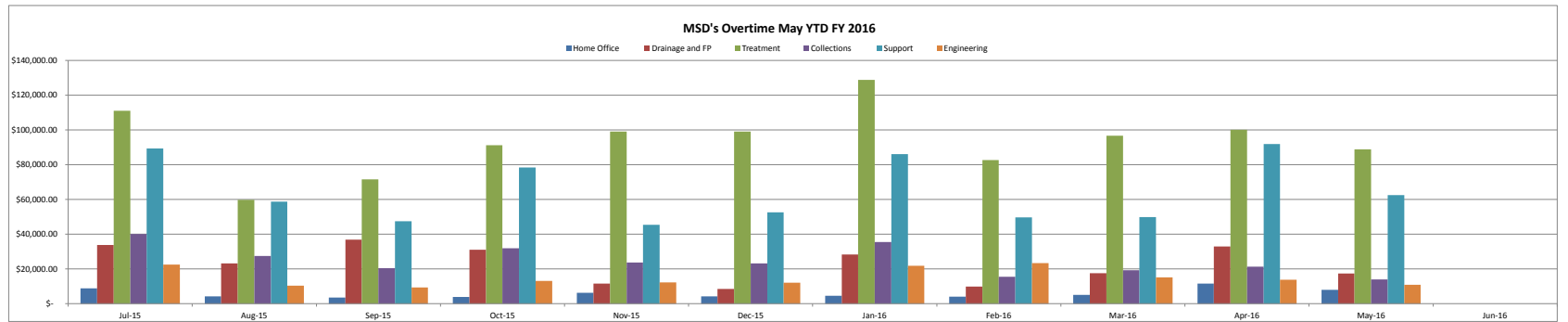
MSD OVERTIME ANALYSIS
May FY 2016



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	\$ 2,492,916.19
Total Salary	\$ 36,894,180.98
Overtime Percentage of Total Salary	6.76%

MSD's Overtime Comparison YTD				
	May YTD FY16		May YTD FY15	Variance
Home Office	\$ 64,131.82	Home Office	\$ 91,108.71	-\$26,976.89
Treatment	\$ 1,029,105.79	Treatment	\$ 1,153,350.23	-\$124,244.44
Drainage and Flood Protection	\$ 250,989.32	Drainage and Flood Protection	\$ 265,608.65	-\$14,619.33
Collections	\$ 272,029.24	Collections	\$ 258,886.30	\$13,142.94
Support	\$ 712,041.04	Support	\$ 641,710.99	\$70,330.05
Engineering	\$ 164,618.98	Engineering	\$ 111,368.35	\$53,250.63



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	YTD 2016
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	\$ -	\$ 2,492,916.19
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	\$ -	\$ 36,894,180.98
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%		6.76%

MSD's Construction Variance - FY14 Through Current FY 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
TOTAL FY14	\$ (15,267,927.80)

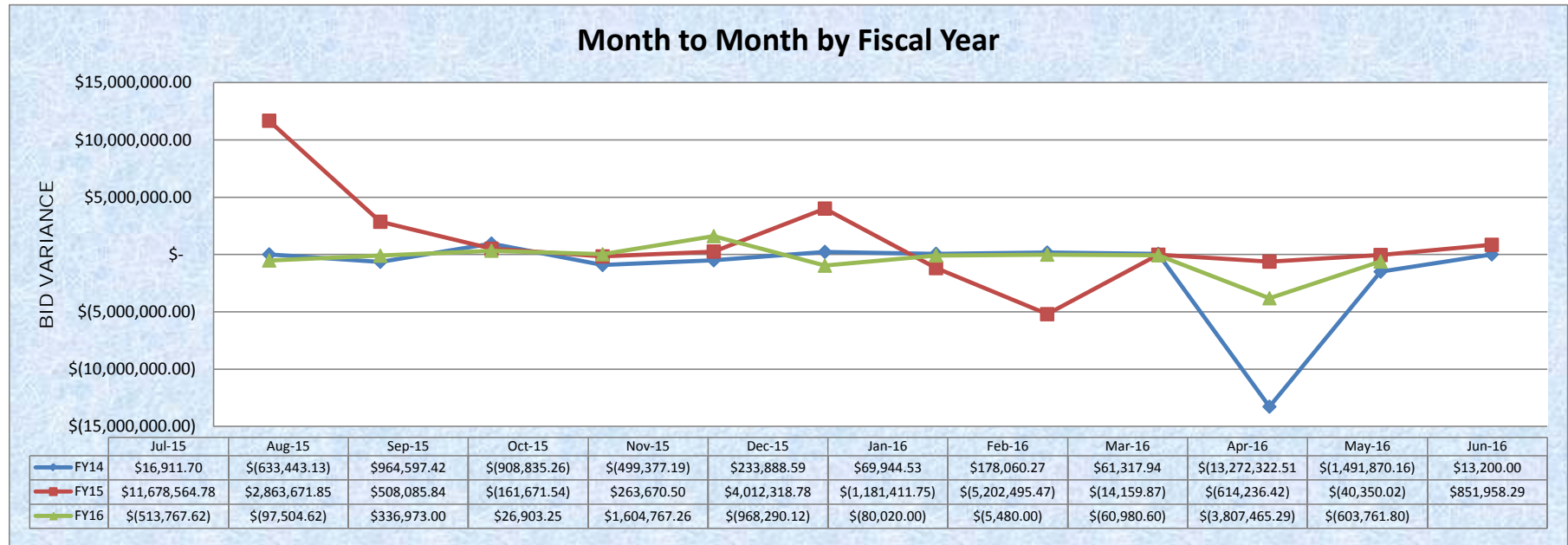
FY 15 Variance by Month	
Mth	FY15
Jul-14	\$ 11,678,564.78
Aug-14	\$ 2,863,671.85
Sep-14	\$ 508,085.84
Oct-14	\$ (161,671.54)
Nov-14	\$ 263,670.50
Dec-14	\$ 4,012,318.78
Jan-15	\$ (1,181,411.75)
Feb-15	\$ (5,202,495.47)
Mar-15	\$ (14,159.87)
Apr-15	\$ (614,236.42)
May-15	\$ (40,350.02)
Jun-15	\$ 851,958.29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

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	
TOTAL FY16	\$ (4,168,626.54)

	FY 14 Over/Under Total Variance	FY 15 Over/Under Total Variance	FY 16 Over/Under Total Variance
# OVER	34	29	28
\$ OVER	\$ 2,854,215.75	\$ 22,692,303.47	\$ 5,454,607.54
%	11.51%	25.09%	16.73%

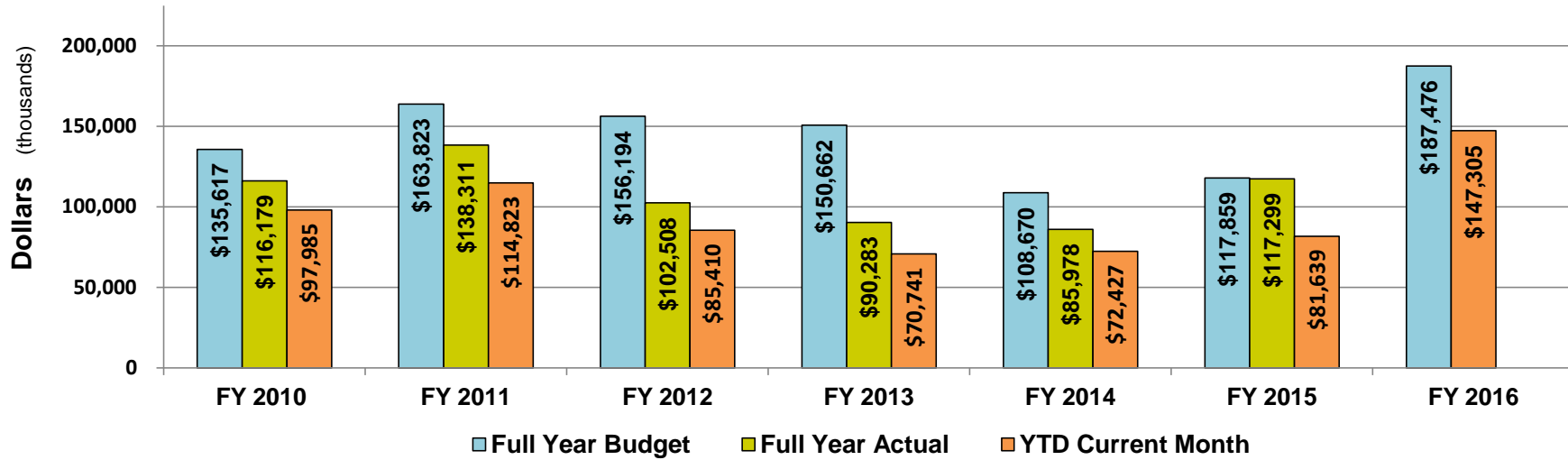
# UNDER	32	25	43
\$ UNDER	\$ (18,122,143.55)	\$ (9,728,358.50)	\$ (9,623,234.08)
%	-23.99%	-11.05%	-19.22%

Total YTD	\$ (15,267,927.80)	\$ 12,963,944.97	\$ (4,168,626.54)
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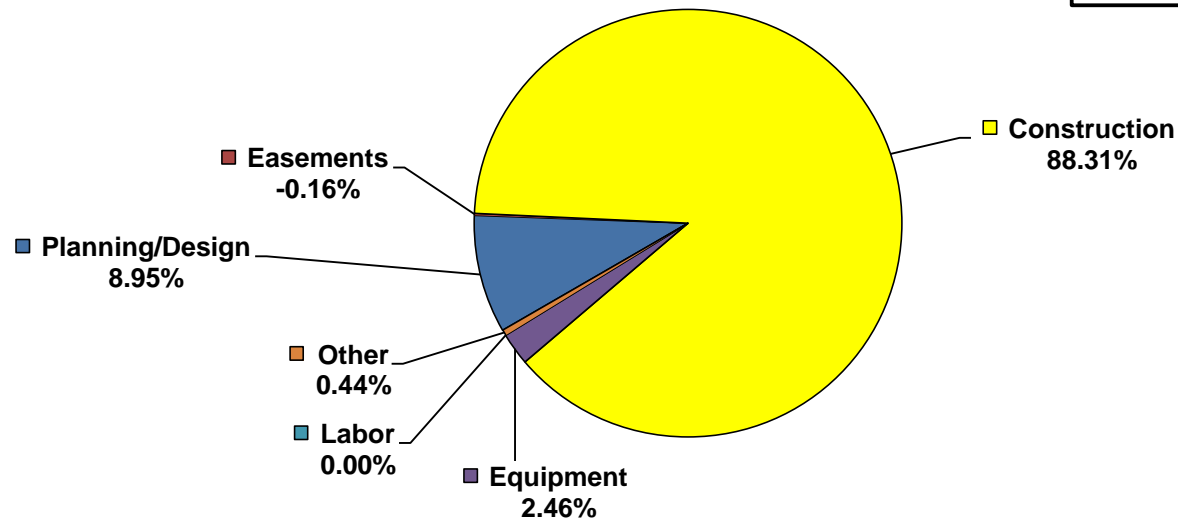
Total variance reflects the difference of Estimate Cost vs. Board Approval by month for Construction services.

**FY 2016
MSD Capital Budget Performance
YTD as of 5/31/16**

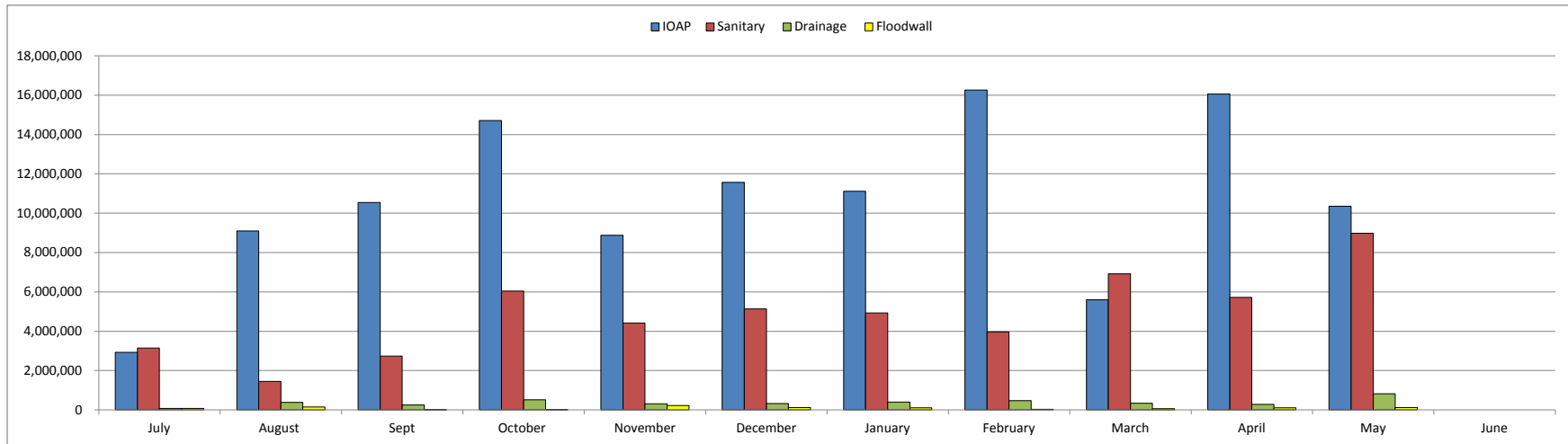


MSD Capital Expenditures by Category

**Total Expenditures to Date:
\$147,305,210**



MSD MONTHLY CAPITAL SPENDING BY TYPE
(Includes Capitalized Overhead)
As of 5/31/16



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	0	117,096,038	97%
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	0	53,424,461	44%
Drainage	76,939	381,782	244,304	514,394	303,461	329,701	389,911	462,489	334,401	280,446	819,545	0	4,137,373	3%
Floodwall	79,886	154,785	2,026	219	223,877	114,519	97,463	35,573	53,119	96,763	111,590	0	969,819	1%
Total	6,221,756	11,088,279	13,522,838	21,262,069	13,824,133	17,154,433	16,525,148	20,713,227	12,918,037	22,140,216	20,257,556	0	175,627,691	146%

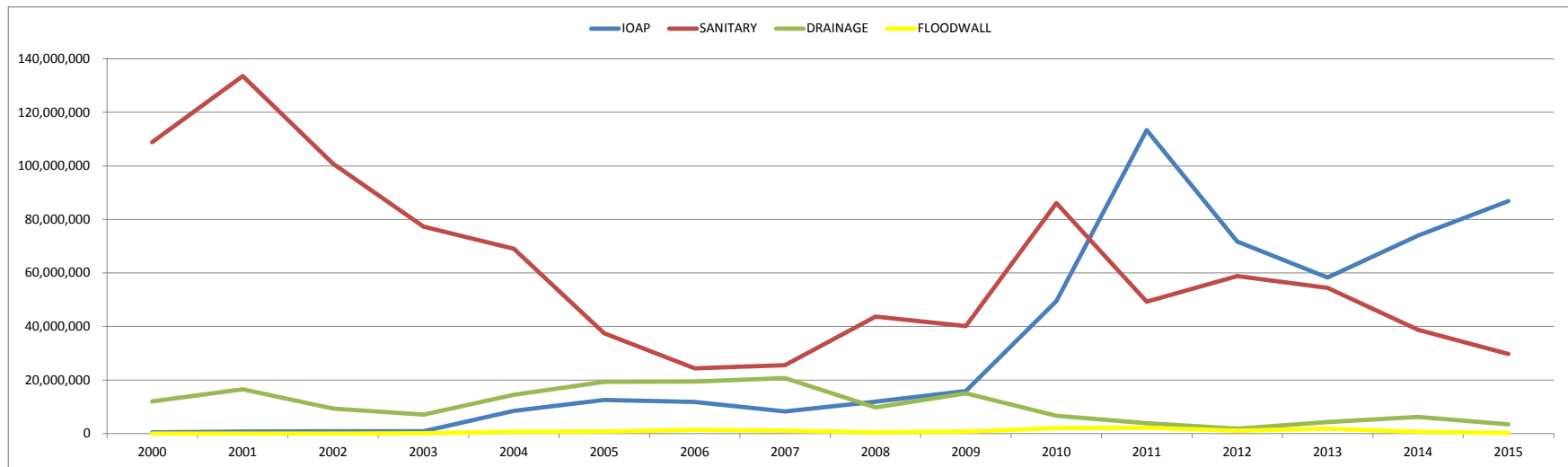
2015	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	6,096,532	6,975,721	1,186,858	11,130,272	6,371,146	9,918,927	4,608,741	7,536,045	6,076,334	9,090,729	9,164,068	8,673,769	86,829,140	72%
Sanitary	529,795	2,475,179	617,925	2,987,929	1,891,324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

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

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

IOAP: Integrated Overflow Abatement Plan

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	0	117,096,038	97%
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	0	53,424,461	44%
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	0	4,137,373	3%
Floodwall	79,886	234,671	236,697	236,916	460,793	575,311	672,774	708,347	761,466	858,229	969,819	0	969,819	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	0	175,627,691	146%

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

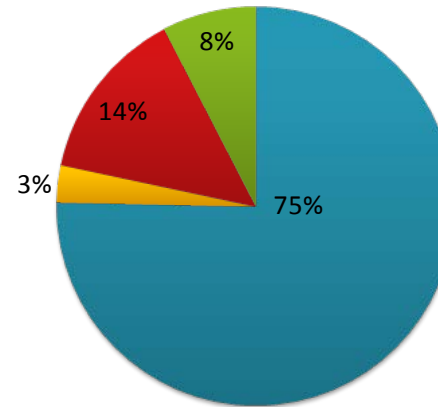
Maple Street Project Expenses

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
Project Total	\$7,334,464.45

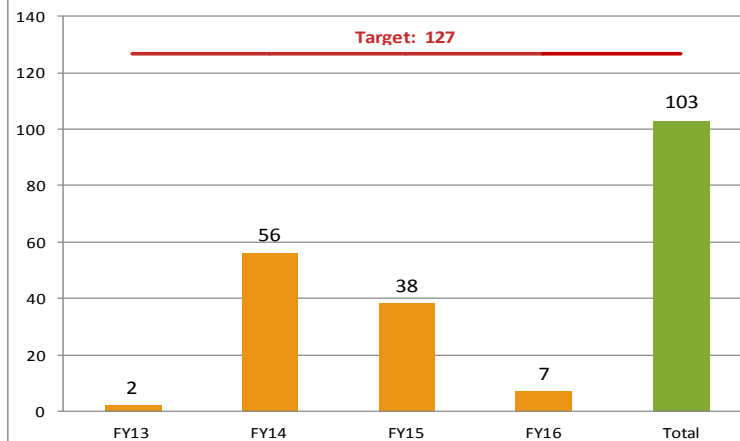
*Not a reimburseable expense

Maple Street Project Expense Summary

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

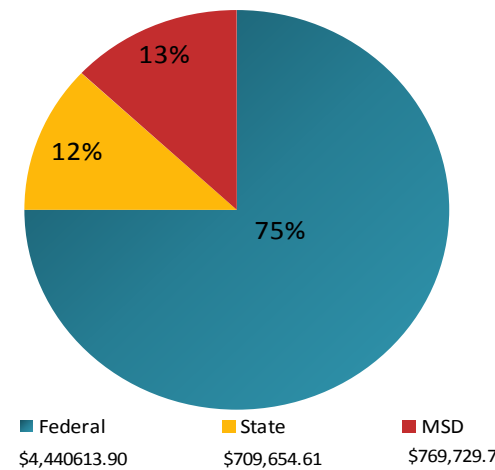


Properties Purchased



Reimbursements for Approved Expenses

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



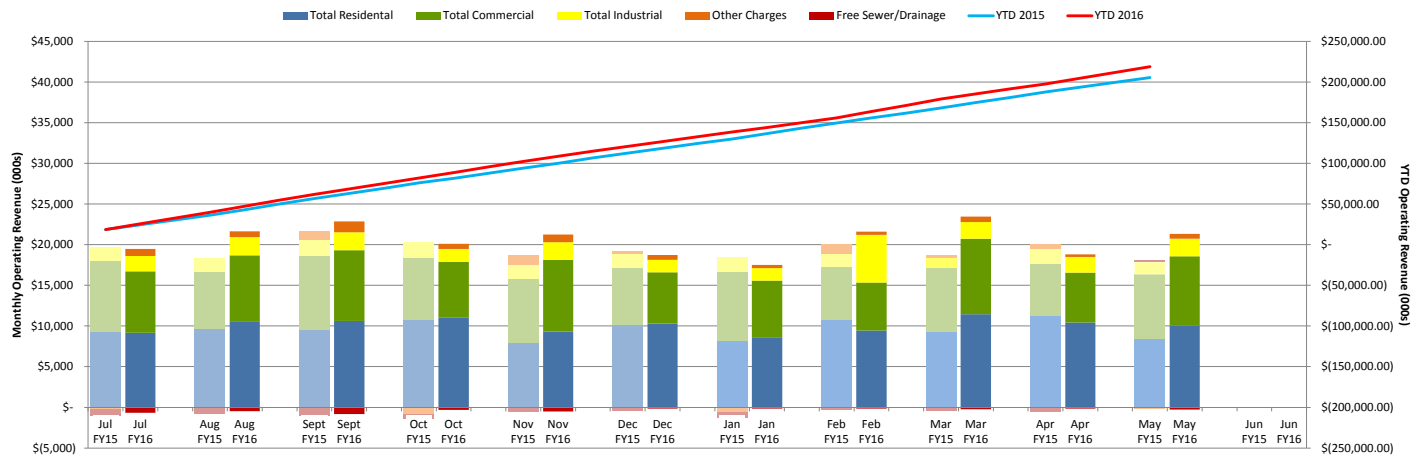
MSD's Operating Revenue

FY 2016

in 000's

	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	YTD Totals	%
Residential														
Sewer														
Service Charge	\$ 2,507	\$ 2,827	\$ 2,871	\$ 3,018	\$ 2,620	\$ 2,903	\$ 2,452	\$ 2,657	\$ 3,266	\$ 2,964	\$ 2,857		\$ 30,943	27.85%
Volume Charges	3,173	3,581	3,789	3,736	3,114	3,223	2,772	2,943	3,661	3,215	3,243		36,450	32.81%
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		25,859	23.28%
Senior Citizen Discount	(49)	(75)	(61)	(77)	(53)	(76)	(52)	(65)	(67)	(78)	(55)		(708)	-0.64%
Drainage														
Drainage Fees	1,446	1,808	1,629	1,837	1,470	1,836	1,418	1,705	1,879	1,866	1,647		18,542	16.69%
Total Residential	\$ 9,178	\$ 10,511	\$ 10,632	\$ 11,037	\$ 9,341	\$ 10,306	\$ 8,633	\$ 9,463	\$ 11,473	\$ 10,429	\$ 10,082	\$ -	\$ 111,085	100.00%
Commercial														
Sewer														
Service Charge	\$ 646	\$ 538	\$ 727	\$ 531	\$ 695	\$ 485	\$ 637	\$ 453	\$ 812	\$ 505	\$ 743		\$ 6,772	8.15%
Volume Charges	3,334	3,405	3,850	2,802	4,069	2,447	2,923	2,161	3,904	2,357	3,562		34,814	41.89%
Quality Charges	140	136	88	88	76	81	62	62	86	91	75		986	1.19%
Meter Reading Charge	13	16	17	13	11	5	5	4	6	3	13		105	0.13%
Consent Decree Charge	1,112	1,118	1,264	942	1,353	815	993	721	1,313	787	1,208		11,627	13.99%
Drainage														
Drainage Fees	2,311	2,969	2,728	2,478	2,612	2,456	2,327	2,474	3,164	2,387	2,903		28,810	34.66%
Total Commercial	\$ 7,557	\$ 8,183	\$ 8,674	\$ 6,854	\$ 8,817	\$ 6,288	\$ 6,946	\$ 5,875	\$ 9,285	\$ 6,130	\$ 8,504	\$ -	\$ 83,113	100.00%
Industrial														
Sewer														
Service Charge	\$ 48	\$ 54	\$ 50	\$ 43	\$ 49	\$ 49	\$ 45	\$ 44	\$ 56	\$ 52	\$ 59		\$ 549	2.58%
Volume Charges	708	859	889	675	764	675	583	783	800	748	780		8,264	38.92%
Quality Charges	586	809	735	421	817	345	484	616	621	631	739		6,803	32.04%
Meter Reading Charge	7	9	7	7	7	7	6	7	9	8	8		83	0.39%
Consent Decree Charge	221	260	276	210	238	210	182	243	249	233	245		2,567	12.09%
Drainage														
Drainage Fees	312	243	271	243	273	277	225	239	305	263	315		2,967	13.98%
Total Industrial	\$ 1,880	\$ 2,233	\$ 2,229	\$ 1,600	\$ 2,148	\$ 1,563	\$ 1,525	\$ 1,932	\$ 2,041	\$ 1,935	\$ 2,146	\$ -	\$ 21,232	100.00%
Other Charges														
Other Charges	\$ 874	\$ 720	\$ 1,349	\$ 630	\$ 936	\$ 572	\$ 394	\$ 395	\$ 677	\$ 328	\$ 616		\$ 7,492	
Free Charges														
Free Sewer	\$ (680)	\$ (464)	\$ (827)	\$ (307)	\$ (522)	\$ (156)	\$ (156)	\$ (157)	\$ (243)	\$ (160)	\$ (255)		\$ (3,927)	
Free Drainage													\$ -	
Total Sewer	\$ 14,740	\$ 16,163	\$ 17,428	\$ 15,257	\$ 16,365	\$ 14,003	\$ 13,371	\$ 13,090	\$ 17,885	\$ 14,145	\$ 16,228	\$ -	\$ 168,677	77.02%
Total Drainage	4,069	5,020	4,628	4,558	4,356	4,569	3,971	4,417	5,349	4,517	4,865	-	50,319	22.98%
Total Service Charges	\$ 18,809	\$ 21,183	\$ 22,056	\$ 19,815	\$ 20,721	\$ 18,573	\$ 17,342	\$ 17,508	\$ 23,234	\$ 18,662	\$ 21,094	\$ -	\$ 218,996	100.00%

Revenue Comparison - FY 2015 to FY 2016



Louisville and Jefferson County
Metropolitan Sewer District
Wastewater Customer Count
May-16

Plant Code	Service Area		Residential Customers		Commercial Customers		Industrial Customers		Metro Customers		Multi Customers		Total Customers	
			Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives
140	Derek Guthrie	LWC	61,949	3,148	3,568	354	22	2	25	1	3	1	65,567	3,506
151	Morris Forman - City	LWC	68,095	11,185	8,875	1,625	246	65	237	11	1	25	77,454	12,911
152	Morris Forman - County	LWC	50,388	1,353	4,561	494	47	4	33	0	0	1	55,029	1,852
153	Hite Creek	LWC	9,793	192	593	35	8	0	0	0	0	0	10,394	227
164	McNeely Lake	LWC	387	9	1	0	0	0	0	0	0	0	388	9
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	16,952	271	1,055	58	9	0	3	0	6	0	18,025	329
244	Moser Farm (Hite Creek)	LWC	166	0	0	0	0	0	0	0	0	0	166	0
294	Floyds Fork	LWC	8,211	110	364	12	1	0	2	0	0	0	8,578	122
<u>Sub-Total</u>			216,208	16,268	19,018	2,578	333	71	300	12	10	27	235,869	18,956
<u>Grand Total</u>			232,476		21,596		404		312		37		254,825	

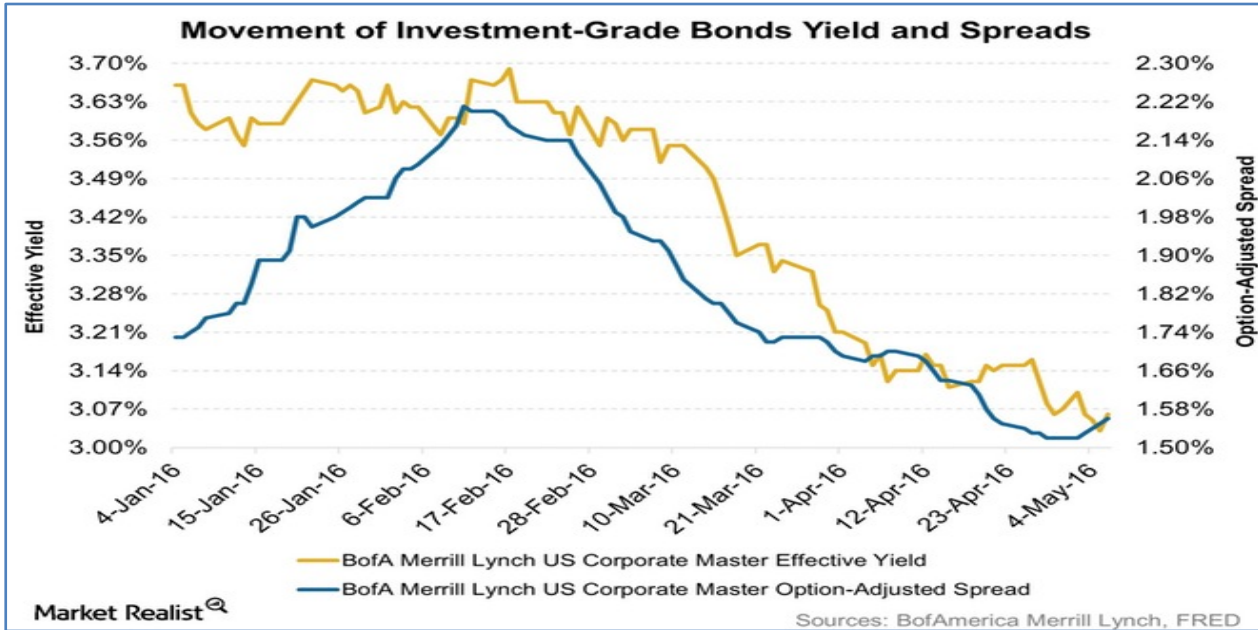
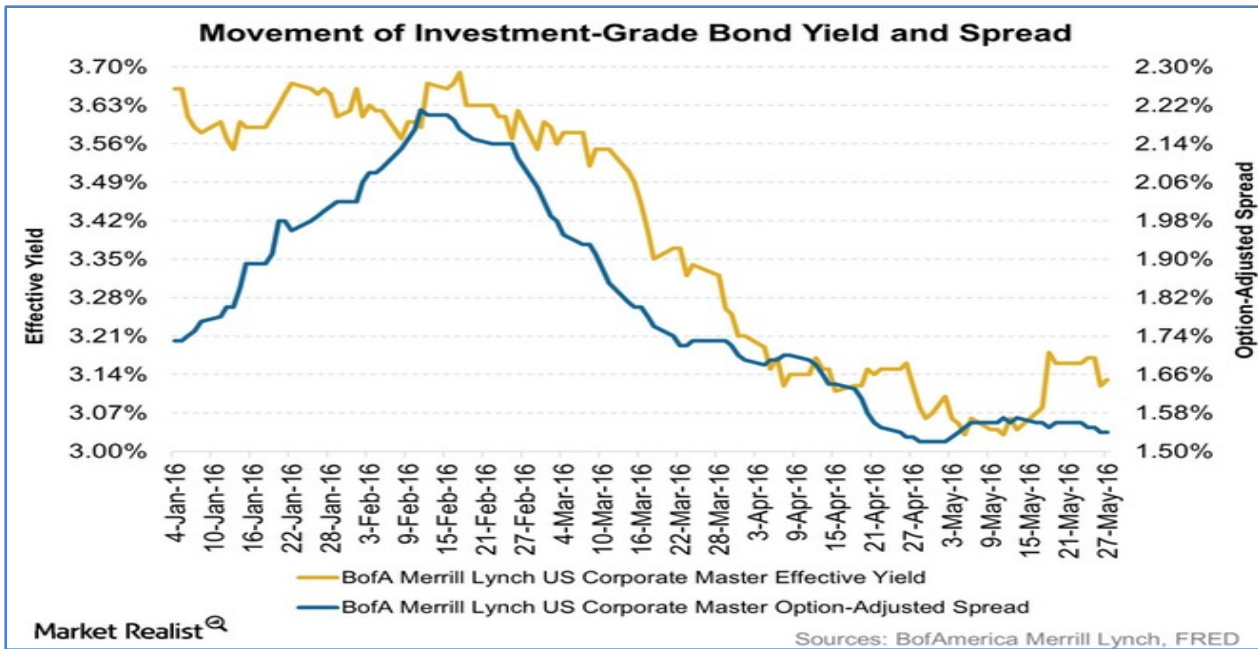
Submitted by: Adonis Henderson
Date: 6/1/2016

New Customer Count

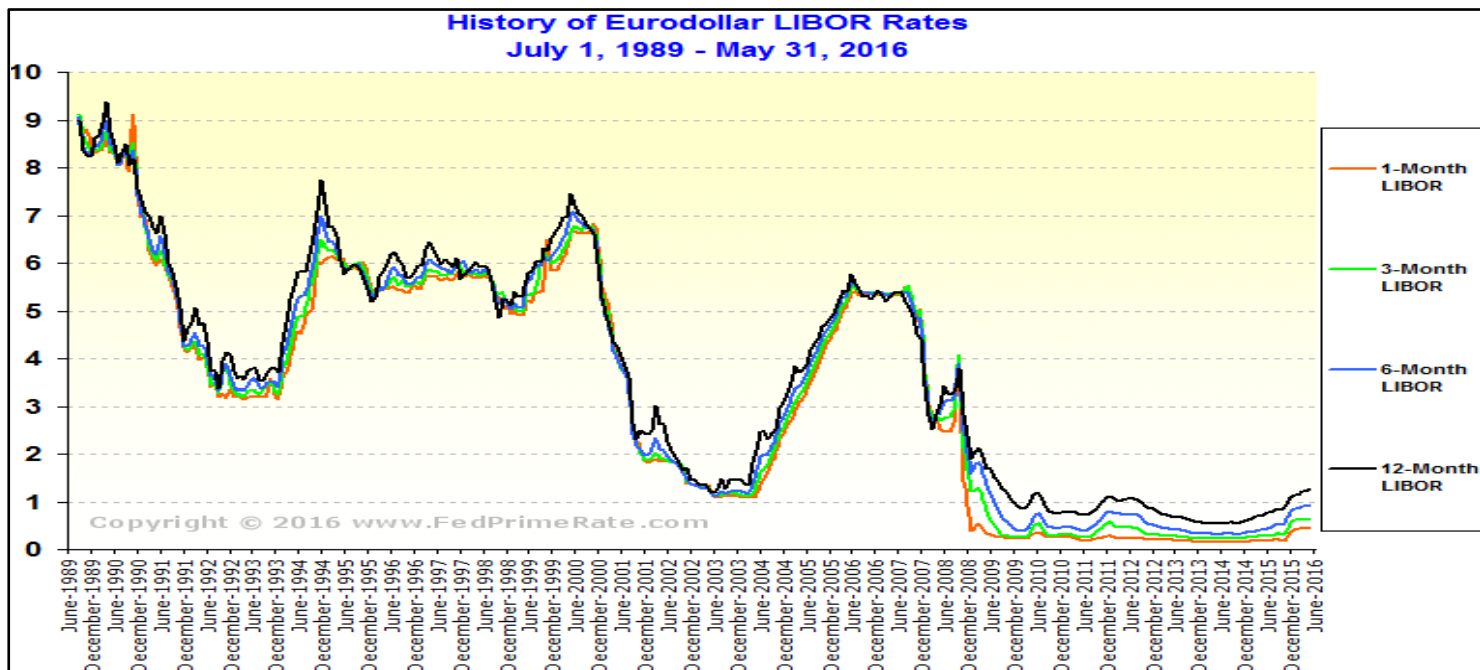
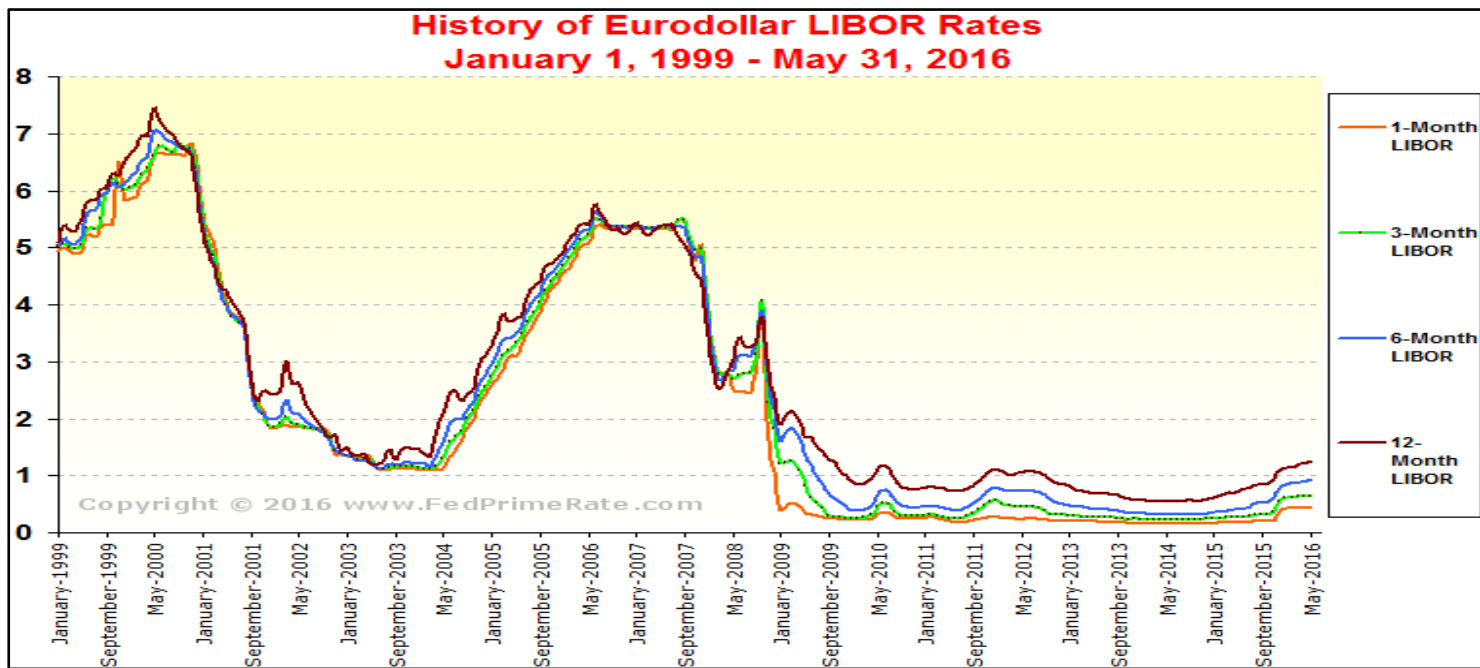
May data for this chart is unavailable due to new system implementation.

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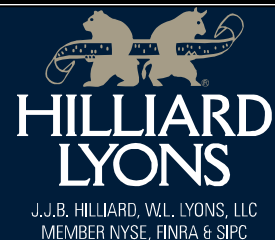
MARKET RATES



MARKET RATES



Kentucky Municipal Market Update



Municipal Finance Team

Alex Rorke

Director of Public Finance
arorke@hilliard.com
502.588.1829

Greg Phillips

Managing Director
gphillips@hilliard.com
502.588.8639

Chip Sutherland

Senior V.P. – Public Finance
Banker
csutherland@hilliard.com
502.588.8462

Brian Shaw

V.P. – Underwriter
bshaw@hilliard.com
502.588.8663

Mark Rawlings

V.P. - Head of Quantitative
Services
mrawlings@hilliard.com
270.443.8240

Kelly Mrsic

V.P. Public Finance
kmrsic@hilliard.com
502.588.1763

Michael Oldiges

Public Finance Analyst
moldiges@hilliard.com
502.588.8476

Andrew Webb

Public Finance Analyst
awebb@hilliard.com
502.588.8695

Raymond Robinson

Summer Analyst
rsrobinson@hilliard.com
502.588.8125



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 2012.

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
May 31, 2016

Total Cash & Investments by Category	Yield	Market Value	Face Value	Cost Value	Accrued Interest	Market Gain/Loss
Cash		32,988,157	32,988,157	32,988,157	-	-
FED HOME LN MTG CORP DEB		5,217,816	5,215,000	5,198,573	22,679	19,243
Municipal Obligations	4.3 - 4.7%	92,061,612	84,590,000	83,146,718	1,429,641	8,914,894
Commercial Paper		-	-	-	-	-
Fed Gov Oblig Fund (money mkt)	.00 - .01%	76,529,945	76,529,945	76,529,945	-	-
Dreyfus Cash Mgmt (money mkt)	.00 - .01%	10,358,295	10,358,295	10,358,295	-	-
FED NATL MTGE ASSN DISC NOTE		37,701,657	37,760,000	37,185,921	-	515,736
Certificate of Deposit	1.75%	100,000	100,000	100,000	-	-
		\$ 254,957,484	\$ 247,541,398	\$ 245,507,610	\$ 1,452,320	\$ 9,449,874

Total earnings on investments FYTD 2016	\$ 15,767,237
--	----------------------

**MSD's Muni Bond Investments April
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	\$ 5,724,000.00	\$ 5,000,000.00	\$ 5,087,981.25	Aa2	4.49%	5.125%	4.20%	14.8
BAY AREA TOLL AUTH CALIF TOLL	4/1/2034	\$ 3,179,220.00	\$ 3,000,000.00	\$ 3,060,416.67	Aa3	4.45%	5.00%	4.02%	12.2
BEAVERCREEK OHIO CITY SCH DIST	12/1/2036	\$ 1,410,696.00	\$ 1,260,000.00	\$ 1,232,343.00	Aa2	4.47%	5.00%	4.14%	13.4
CHICAGO ILL	1/1/2039	\$ 5,813,770.95	\$ 5,160,000.00	\$ 5,220,322.23	Aa3	4.71%	5.00%	4.56%	13.7
DALLAS TEX AREA RAPID TRAN	12/1/2036	\$ 1,226,328.00	\$ 2,000,000.00	\$ 1,983,888.89	Aa3	4.46%	5.00%	4.12%	13.4
FLORIDA ST BRD ED PUB ED	6/1/2037	\$ 1,438,829.40	\$ 1,380,000.00	\$ 1,309,373.13	Aa1	4.33%	4.75%	4.06%	13.8
HARRIS CNTY TEX FLOOD CTL DIST	10/1/2039	\$ 5,720,600.00	\$ 5,000,000.00	\$ 5,094,694.44	Aa1	4.39%	5.00%	4.07%	14.5
JEA FLA WTR & SWR SYS REV	10/1/2039	\$ 1,075,454.15	\$ 955,000.00	\$ 960,172.92	Aa2	4.41%	5.00%	4.10%	14.5
JEA FLA WTR & SWR SYS REV	10/1/2039	\$ 1,024,778.30	\$ 910,000.00	\$ 914,929.17	Aa2	4.41%	5.00%	4.10%	14.5
KING CNTY WASH SWR REV	1/1/2039	\$ 5,160,361.20	\$ 5,265,000.00	\$ 5,383,358.91	Aa2	4.39%	5.00%	4.05%	14.1
LAS VEGAS VALLEY NEV WTR DIST	2/1/2037	\$ 460,508.50	\$ 3,000,000.00	\$ 2,988,573.33	Aa2	4.62%	5.00%	4.38%	13.2
LOS ANGELES CALIF DEPT ARPTS	5/15/2040	\$ 5,689,300.00	\$ 5,000,000.00	\$ 4,791,850.00	Aa3	4.46%	5.00%	4.19%	14.7
LOS ANGELES CALIF DEPT WTR	7/1/2038	\$ 6,519,120.00	\$ 6,000,000.00	\$ 6,199,120.00	Aa3	4.61%	5.25%	4.26%	13.6
LOUISIANA ST GAS & FUELS TAX	5/1/2040	\$ 5,614,900.00	\$ 5,000,000.00	\$ 5,029,861.11	Aa2	4.38%	5.00%	4.06%	14.8
METROPOLITAN ATLANTA RAPID	7/1/2039	\$ 5,527,550.00	\$ 5,000,000.00	\$ 5,076,883.33	A1	4.45%	5.00%	4.16%	14.2
NEW YORK N Y CITY MUN WTR FIN	6/15/2037	\$ 4,286,401.20	\$ 4,110,000.00	\$ 4,110,000.00	Aa2	4.43%	5.00%	4.08%	13.7
NEW YORK N Y CITY MUN WTR FIN	6/15/2039	\$ 1,883,070.00	\$ 1,500,000.00	\$ 1,533,125.00	Aa2	4.59%	5.00%	4.38%	14.3
NEW YORK N Y CITY MUN WTR FIN	6/15/2039	\$ 2,230,780.00	\$ 2,000,000.00	\$ 1,975,480.00	Aa2	4.39%	5.00%	4.07%	14.5
PALM BEACH CNTY FLA PUB IMPT	5/1/2038	\$ 3,239,070.00	\$ 3,000,000.00	\$ 3,047,916.67	Aa1	4.57%	5.00%	4.33%	13.8
SALT RIVER PROJ ARIZ AGRIC	1/1/2038	\$ 2,121,660.00	\$ 2,000,000.00	\$ 2,030,331.11	Aa1	4.51%	5.00%	4.23%	13.6
SALT RIVER PROJ ARIZ AGRIC	1/1/2038	\$ 5,304,150.00	\$ 5,000,000.00	\$ 5,008,650.00	Aa1	4.51%	5.00%	4.23%	13.6
TEXAS ST	4/1/2018	\$ 3,232,140.00	\$ 430,000.00	\$ 462,984.69		4.14%	4.75%	-2.62%	2.8
TEXAS ST	4/1/2037	\$ 4,852,928.70	\$ 4,570,000.00	\$ 4,558,144.48	Aaa	4.47%	4.75%	3.91%	13.7
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2037	\$ 860,832.00	\$ 800,000.00	\$ 794,403.56	Aa3	4.41%	5.00%	4.06%	13.8
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2037	\$ 815,984.00	\$ 1,750,000.00	\$ 1,748,541.67	Aa3	4.41%	5.00%	4.06%	13.8
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2038	\$ 7,649,180.00	\$ 7,000,000.00	\$ 7,060,386.67	Aa3	4.42%	5.00%	4.10%	14.2
Totals:		\$ 92,061,612.40	\$ 86,090,000.00	\$ 86,663,732.23					
Average Years to Maturity:	22.02								

Unrealized Gain in Total (Market Value - Cost)

\$5,397,880.17

Total Weighted Average Yield to Maturity

4.06656%

Total Weighted Average Duration

14.13379

Total Weighted Average Coupon Rates

5.18153%

Total Weighted Average Market Yield

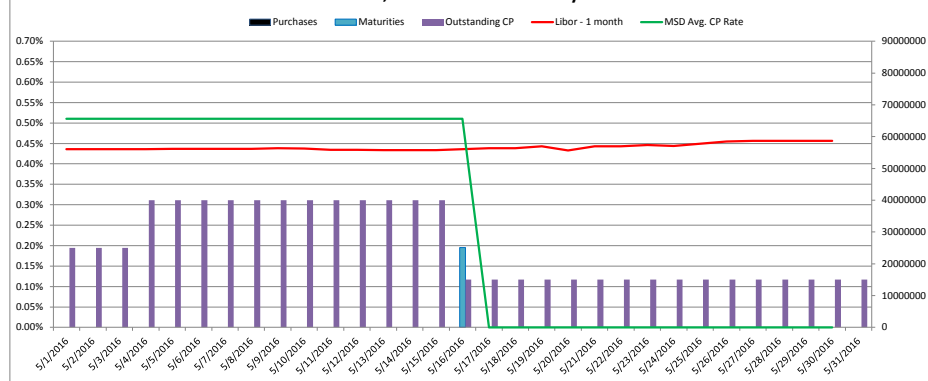
4.62674%

Prepared By Chris Duzyk

6/21/2016

MSD's Commercial Paper

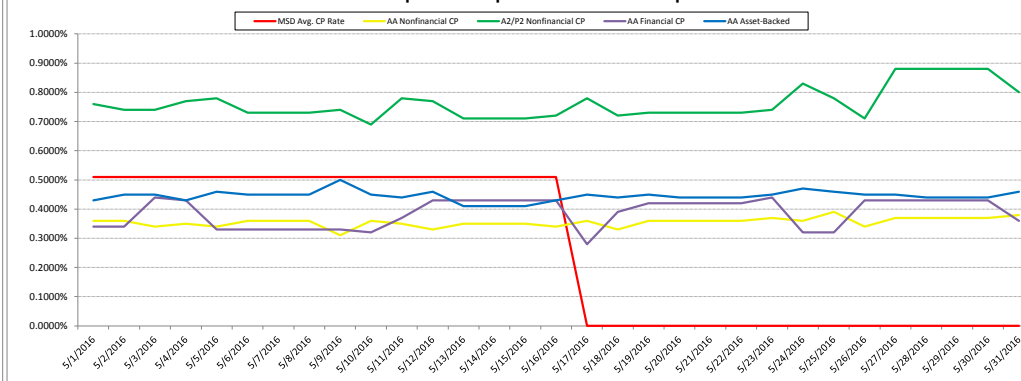
MSD's CP Purchases, Balance and 1 Mo. Buyer Rate vs. 1 Mo. LIBOR



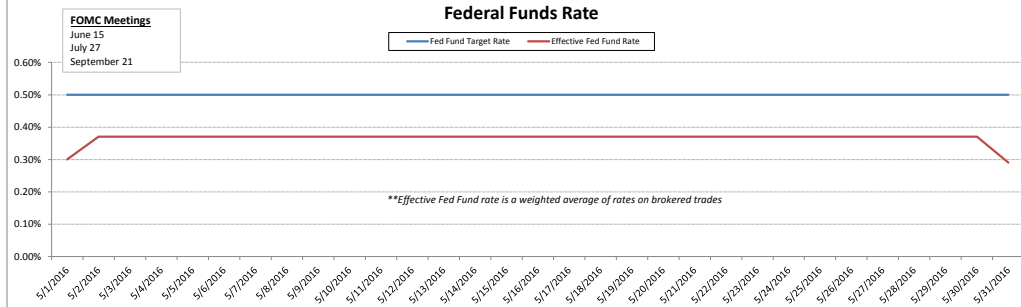
Outstanding as of 05/31/2016				
Company	Maturity Date	Purchase Amount	Maturity Amount	Rate ₁
Total:		\$ -	\$ -	-

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

MSD's Spread - Corporate Commercial Paper



Federal Funds Rate

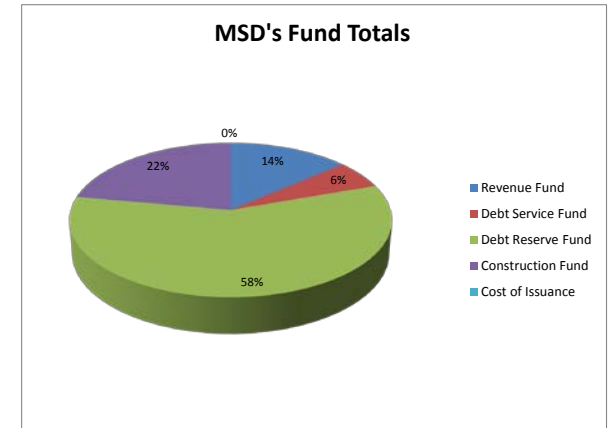


Prepared by Duzyk

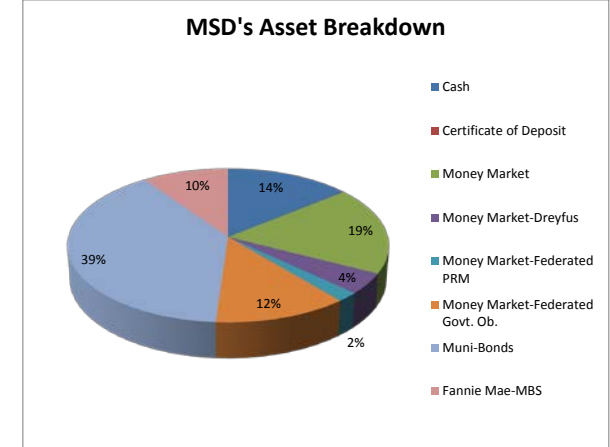
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MSD's Current Investment Model - May FY 2016

Series	Revenue Fund	Debt Service Fund	Debt Reserve Fund	Construction Fund	Cost of Issuance	Totals
2005A	\$ -	\$ -	\$ -	\$ -	\$ -	-
2006A	\$ -	\$ 42,826.90	\$ -	\$ -	\$ -	42,826.90
2007A	\$ -	\$ 153,732.90	\$ -	\$ -	\$ -	153,732.90
2008A	\$ -	\$ 271,811.97	\$ 5,038,087.59	\$ -	\$ -	5,309,899.56
2009A	\$ -	\$ 341,080.08	\$ 11,839,606.12	\$ -	\$ -	12,180,686.20
2009B	\$ -	\$ 936,277.85	\$ 29,566,024.23	\$ -	\$ -	30,502,302.08
2009C	\$ -	\$ 448,739.31	\$ 25,639,843.17	\$ -	\$ -	26,088,582.48
2010A	\$ -	\$ 859,809.93	\$ 38,880,099.15	\$ -	\$ -	39,739,909.08
2011A	\$ -	\$ 609,590.11	\$ -	\$ -	\$ -	609,590.11
2015 BAN	\$ -	\$ 10,749,176.37	\$ -	\$ -	\$ -	10,749,176.37
2013A&B	\$ -	\$ 457,544.47	\$ 27,367,436.37	\$ -	\$ -	27,824,980.84
2013C	\$ -	\$ 201,563.36	\$ 5,424,517.79	\$ -	\$ -	5,626,081.15
2014A	\$ -	\$ 143,231.77	\$ -	\$ 7.12	\$ -	143,238.89
2015A	\$ -	\$ 73.93	\$ 4,572,314.29	\$ 56,558,599.04	\$ -	61,130,987.26
2015B	\$ -	\$ -	\$ -	\$ -	\$ -	-
Cash	\$ 32,813,526.87	\$ -	\$ -	\$ -	\$ -	32,813,526.87
Certificate of Deposit	\$ 100,000.00	\$ -	\$ -	\$ -	\$ -	100,000.00
Money Market	\$ 1,941,962.81	\$ -	\$ -	\$ -	\$ -	1,941,962.81
Totals	\$ 34,855,489.68	\$ 15,215,458.95	\$ 148,327,928.71	\$ 56,558,606.16	\$ -	254,957,483.50



Asset Description	Revenue Fund	Debt Service Fund	Debt Reserve Fund	Construction Fund	Cost of Issuance	Totals
Cash	\$ 32,813,526.87	\$ -	\$ -	\$ 174,309.85	\$ -	32,987,836.72
Certificate of Deposit	\$ 100,000.00	\$ -	\$ -	\$ -	\$ -	100,000.00
Money Market	\$ 1,941,962.81	\$ -	\$ -	\$ 41,390,739.19	\$ -	43,332,702.00
Money Market-Dreyfus	\$ -	\$ 809,451.85	\$ 9,548,843.48	\$ -	\$ -	10,358,295.33
Money Market-Federated PRM	\$ -	\$ 936,277.85	\$ 3,628,024.88	\$ -	\$ -	4,564,302.73
Money Market-Federated Govt. Ot	\$ -	\$ 13,469,729.25	\$ 15,163,524.65	\$ 7.12	\$ -	28,633,261.02
Muni-Bonds	\$ -	\$ -	\$ 92,061,612.40	\$ -	\$ -	92,061,612.40
Fannie Mae-MBS	\$ -	\$ -	\$ 22,708,107.20	\$ -	\$ -	22,708,107.20
Treasury - Agency	\$ -	\$ -	\$ 5,217,816.10	\$ 14,993,550.00	\$ -	20,211,366.10
Corporate Commercial Paper	\$ -	\$ -	\$ -	\$ -	\$ -	-
Asset Backed Commercial Paper	\$ -	\$ -	\$ -	\$ -	\$ -	-
Totals	\$ 34,855,489.68	\$ 15,215,458.95	\$ 148,327,928.71	\$ 56,558,606.16	\$ -	254,957,483.50



Prepared by Chris Duzyk

6/21/2016



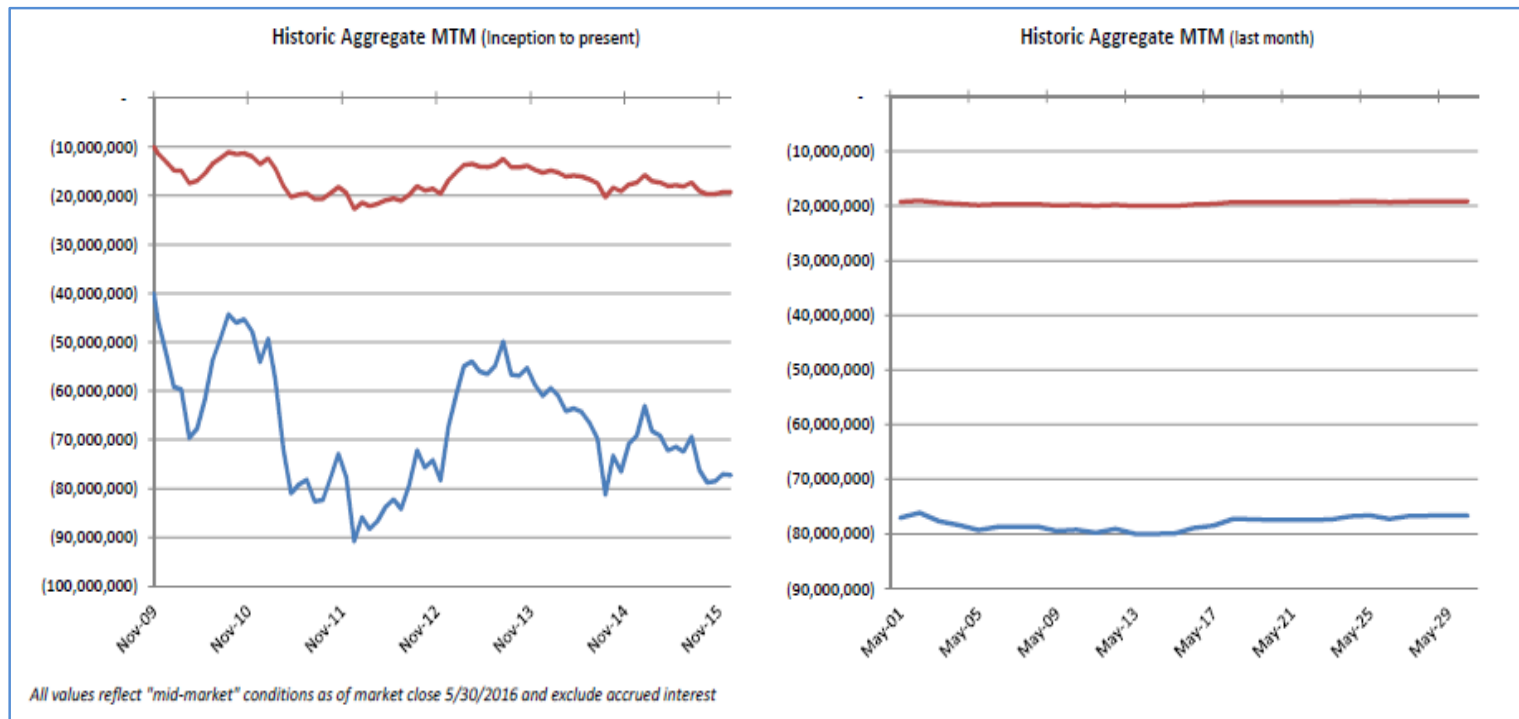
Values on this statement are shown from your perspective
 A positive number is an asset
 A negative number is a liability

MTM VALUATION AS OF CLOSE

Louisville and Jefferson County Metropolitan Sewer District

5/31/2016

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	USD	180,716,000	180,716,000	Wells Fargo Bank, NA	05/15/2033	(75,086,842.28)	(331,783.61)	(75,418,625.89)
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	(18,795,199.41)	(77,951.99)	(18,873,151.39)
Total USD Currency		237,149,000	226,000,000			(93,882,041.69)	(409,735.60)	(94,291,777.28)



*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	0

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	
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)	

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%	0.00%
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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	
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%
Performance Matrix Results - FY 2015													
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	0
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%	0.00%

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	0
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	0
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%	0.00%

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%	0.00%

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.

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
Total Violations - Cumulative	42	16	26	26	6	22	13	22
Violation Months	30	15	9	15	4	12	8	9

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
Total Discharges - Cumulative	40	52	40	42	40	23	29	25
Discharge Months	40	52	40	42	40	23	29	25

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	2	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		
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		
1	1	1	3	3	3	4	5	5	6	6		

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

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	1	0	
0	0	1	0	0	1	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	1	1		
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	1	0	0	0	
1	1	2	1	0	3	1	1	1	2	0		
2	3	7	9	11	15	16	17	20	24	25	0	
2	3	7	9	11	15	16	17	20	24	25	0	

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

Weighted Average

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

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>
<u>OSHA Recordable Injuries</u>												
Cumulative Number	3	10	12	14	15	17	21	22	22	25	26	0
Annualized	36	60	48	42	36	34	36	33	29	30	28	0
Percentage	80%	133%	107%	93%	80%	76%	80%	73%	65%	67%	63%	0%
<u>Lost Time due to Injury</u>												
Cumulative Number	3	6	8	13	15	17	18	21	25	26	26	0
Annualized	36	36	32	39	36	34	31	31	33	31	28	0
Percentage	100%	100%	89%	108%	100%	94%	86%	87%	93%	87%	79%	0%
<u>Preventable Accidents</u>												
Cumulative Number	5	8	18	23	33	36	43	45	53	56	56	0
Annualized	60	48	72	69	79	72	74	67	71	67	61	0
Percentage	92%	74%	111%	106%	122%	111%	113%	104%	109%	103%	94%	0%
Weighted Average	91%	102%	102%	103%	101%	94%	93%	88%	89%	86%	79%	0%

<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	
Weight	33%		33%		33%	
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>
Service Requests - MSD Assets												
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	
Customers	254,286	254,286	254,286	254,286	254,286	254,286	254,286	254,369	254,370	254,616	254,616	
Percentage Free	91%	93%	93%	94%	94%	94%	94%	95%	95%	94%	94%	
Drainage Service Requests												
Cumulative Open Requests	1,422	2,750	3,919	4,906	5,818	6,635	7,379	8,136	9,018	10,057	11,264	
Cumulative Open Requests < 9 Months	1,407	2,729	3,893	4,877	5,787	6,599	7,332	8,080	8,941	9,949	11,118	
Percentage	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	
Backup Service Requests												
Total Backup Requests	283	513	760	1,023	1,335	1,711	2,057	2,385	2,763	3,045	3,382	
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	
Percentage	87%	91%	93%	94%	93%	93%	93%	93%	93%	93%	93%	
Weighted Average	92.0%	94.1%	95.1%	95.7%	95.7%	95.7%	95.5%	95.8%	95.6%	95.5%	95.4%	

<u>Actual</u>	<u>Service Requests</u>			<u>Drainage Requests</u>			<u>Backup Requests</u>		
	<u>Requests</u>	<u>Customers</u>	<u>1-%</u>	<u>Requests</u>	<u>< 9 Months</u>	<u>%</u>	<u>Requests</u>	<u>< 4 Hours</u>	<u>%</u>
2014	9,611	240,280	96.00%	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%		

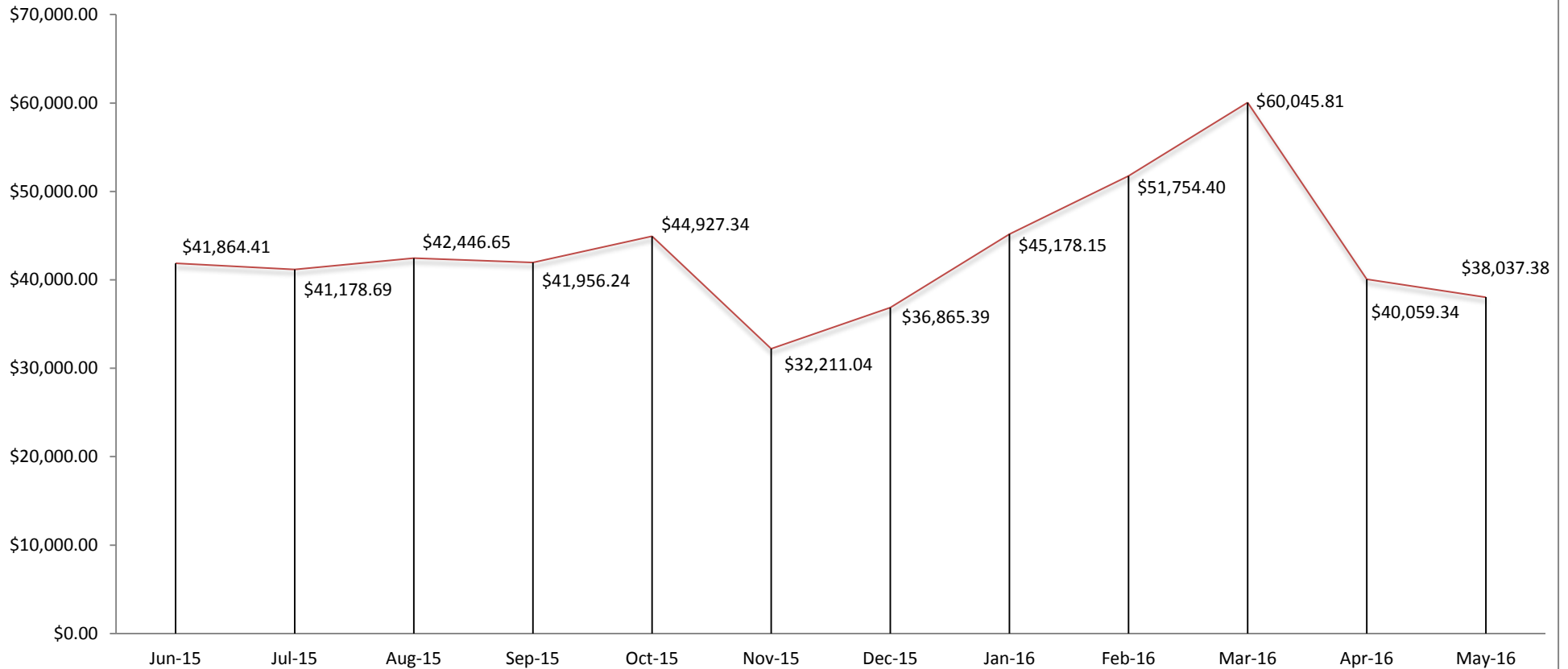
2014	91.75%	Fully Achieves
2015	91.66%	Fully Achieves

<u>Weighted Average Performance Goals</u>	
	FY 2016
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: JUNE 30, 2015 TO MAY 31, 2016



P-cards issued= 118

Total violation = 19

- Sales Tax = 2
- Split charges = 0
- Lack of Receipts = 0
- Personal expense = 4
- Late receipt = 16
- Unauthorized purchase = 0
- Prepay = 0
- Substitute Receipts = 0
- Travel Expenditures = 1
- Lack of Employee Signature = 0
- Lack of Supervisor Signature = 0

P-card By Division

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

Operations

- Administration = 1
- Collections Systems = 16
- 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 5.7.2016

PURCHASING TOP 10 GOODS & SERVICES CONTRACTS
TWELVE MONTH TOTAL SPEND BY PURCHASE ORDER
REVIEW PERIOD: CONTRACT EFFECTIVE DATE THROUGH 5/31/2016

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	\$ 1,917,752.84	\$ 230,154.51	\$ 645,388.41	\$ 535,803.55	\$ 718,362.40	\$ 268,413.53	\$ 1,032,777.97	\$ 415,754.39	\$ 114,562.55	\$ 873,105.90
% SPEND	71.9%	17.4%	49.8%	50.7%	73.7%	28.1%	110.2%	47.2%	15.2%	81.0%
TOTAL SPEND BY FISCAL YEAR 2016										
EFFECTIVE JULY 1, 2015	\$ 1,917,752.84	\$ 230,154.51	\$ 645,388.41	\$ 535,803.55	\$ 718,362.40	\$ 268,413.53	\$ 1,032,777.97	\$ 415,754.39	\$ 114,562.55	\$ 873,105.90

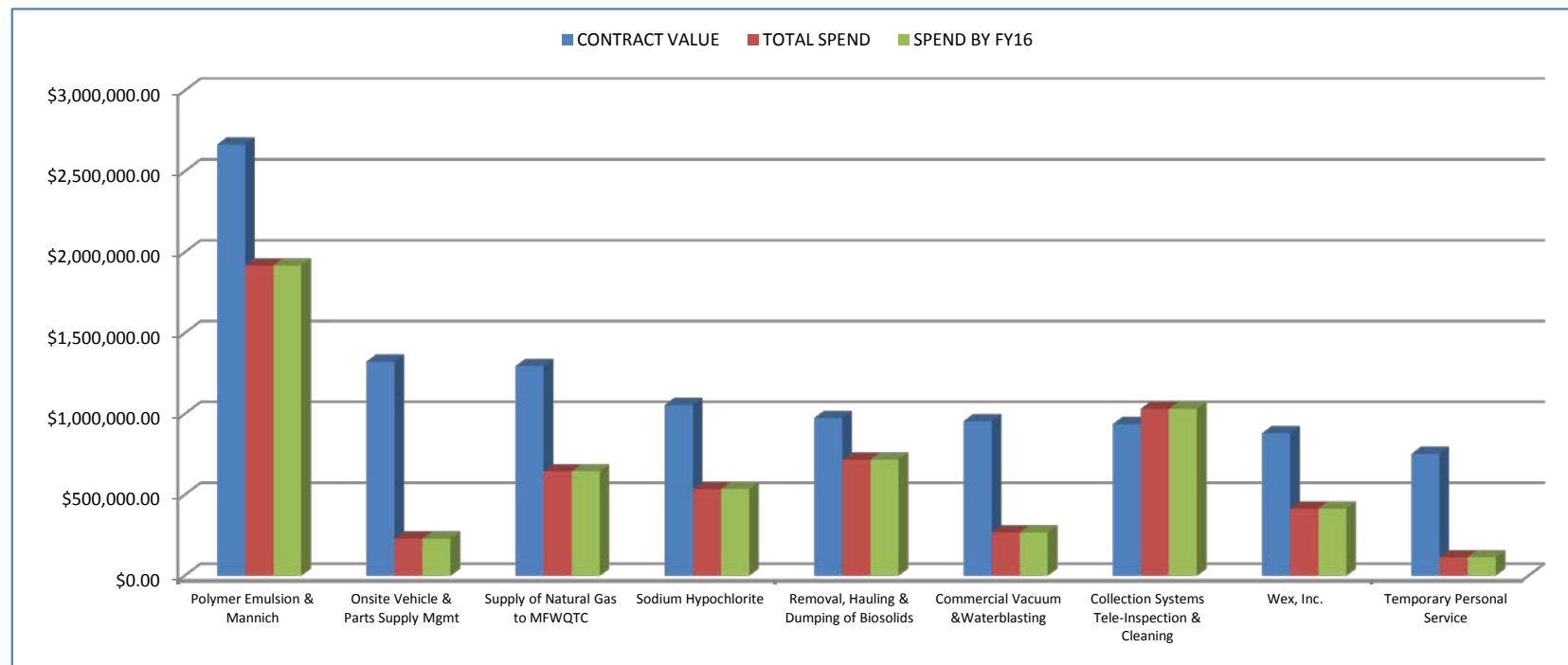
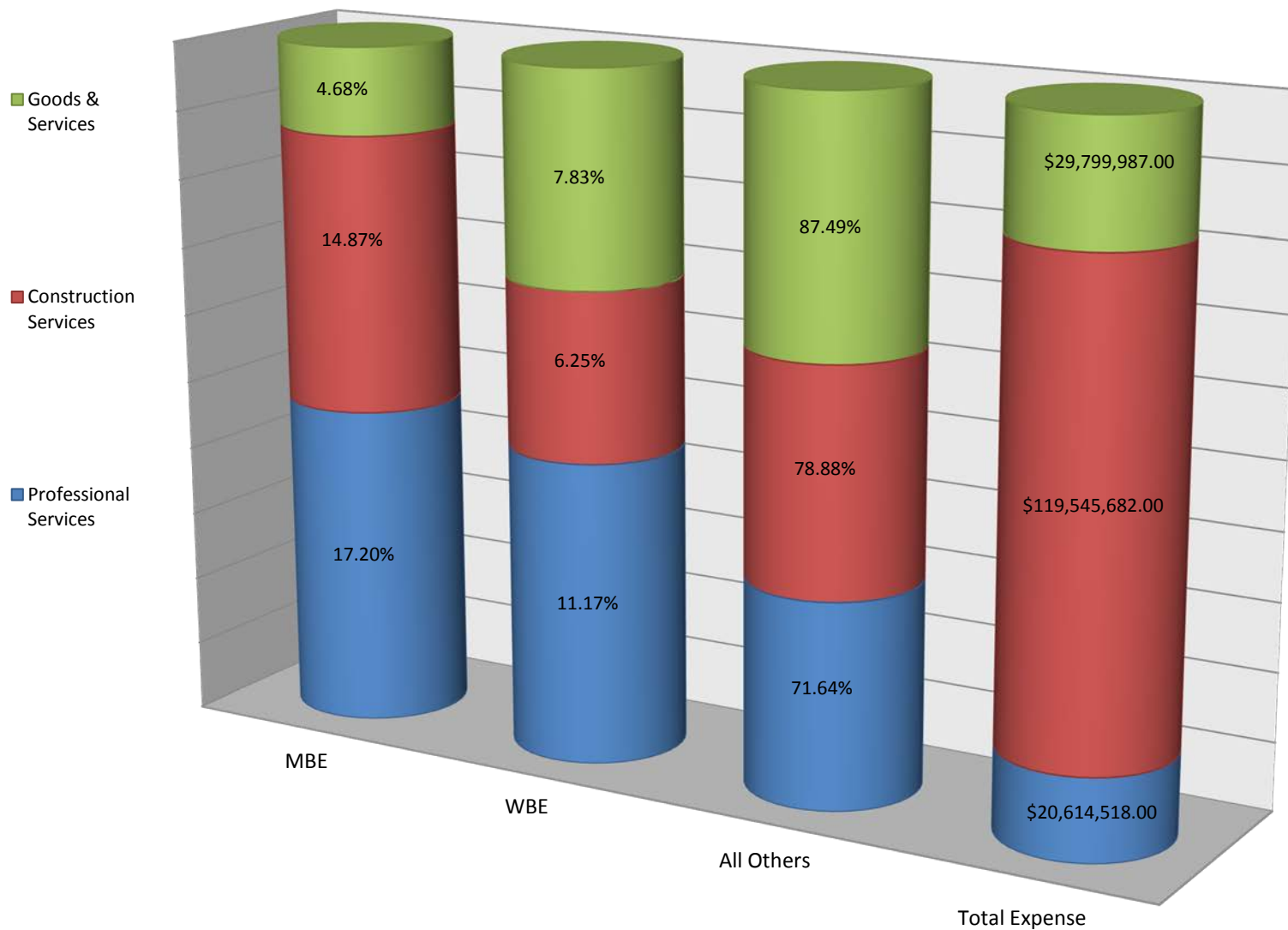


Chart Created by: KEVIN SCHMIDT 5/9/2016

**MBE/ WBE Expenditure Report
YTD July 1, 2015 - May 31, 2016**



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

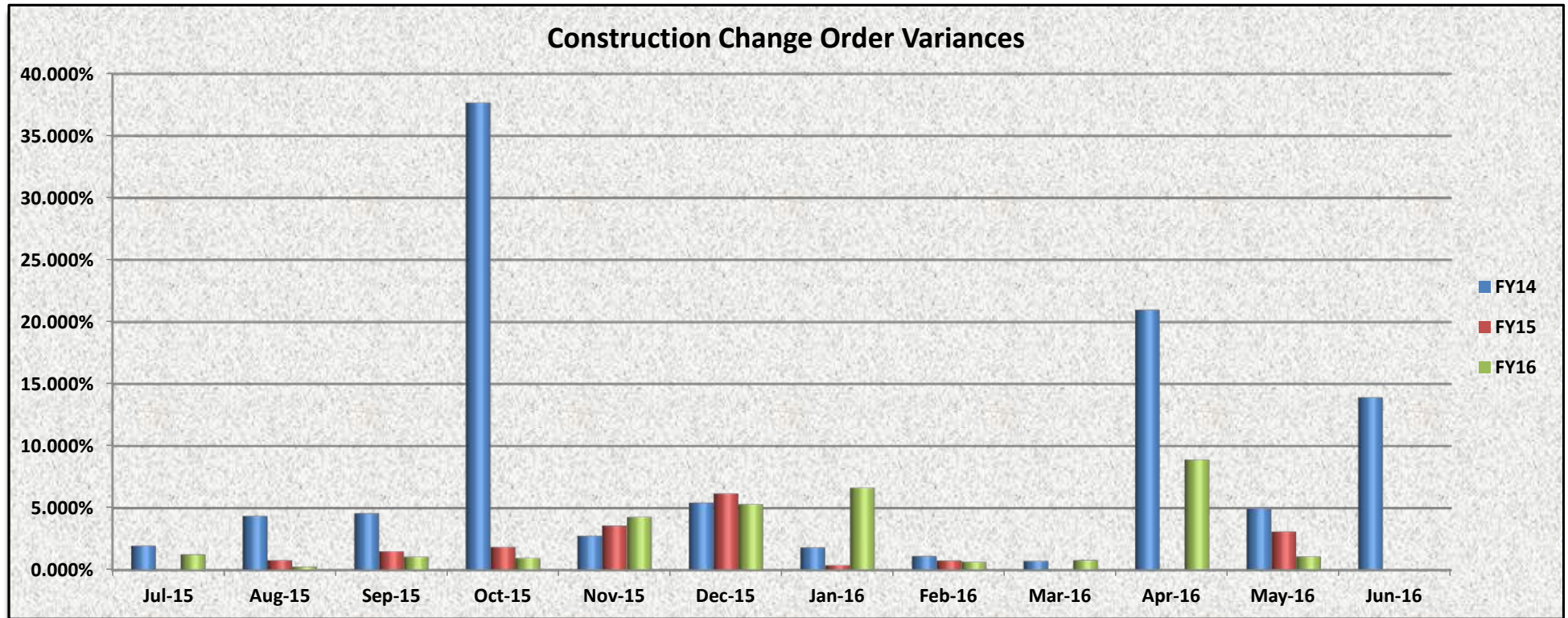
CHART CREATED BY: K.SCHMIDT 5/13/16

Construction Change Order Variance Report

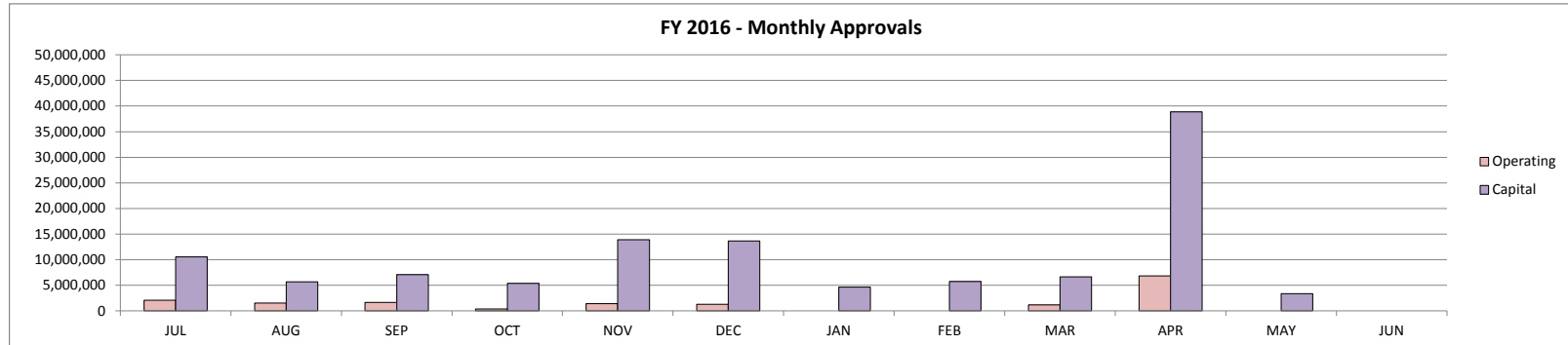
FY14			
MONTH	TOTAL ORIGINAL AMOUNT	TOTAL CHANGE ORDER AMOUNT	VARIANCE
Jul-13	\$ 8,770,873.80	\$ 173,168.07	1.974%
Aug-13	\$ 8,385,039.37	\$ 365,306.60	4.357%
Sep-13	\$ 10,028,930.24	\$ 457,927.11	4.566%
Oct-13	\$ 730,000.00	\$ 275,000.00	37.671%
Nov-13	\$ 8,419,074.00	\$ 231,499.27	2.750%
Dec-13	\$ 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%
TOTAL	\$ 133,536,932.70	\$ 3,284,527.18	2.460%

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%
TOTAL	\$ 115,716,721.41	\$ 1,076,208.59	0.930%

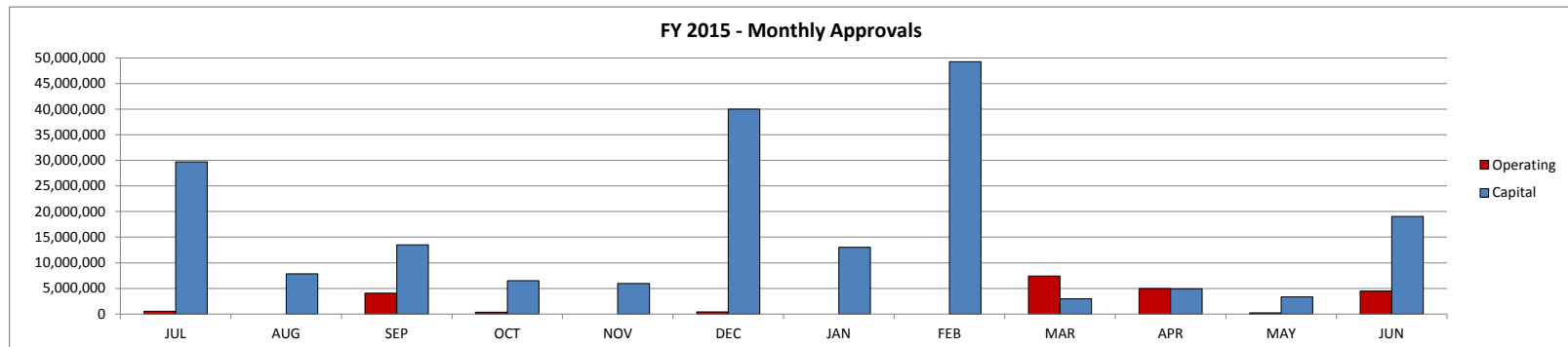
FY16			
MONTH	TOTAL ORIGINAL AMOUNT	TOTAL CHANGE ORDER AMOUNT	VARIANCE
Jul-15	\$ 99,092,486.14	\$ 1,229,573.70	1.241%
Aug-15	\$ 38,538,217.88	\$ 101,142.17	0.262%
Sep-15	\$ 127,426,508.52	\$ 1,345,304.87	1.056%
Oct-15	\$ 60,444,554.35	\$ 595,535.39	0.985%
Nov-15	\$ 7,972,084.50	\$ 341,579.79	4.285%
Dec-15	\$ 14,667,622.49	\$ 780,243.77	5.319%
Jan-16	\$ 40,703,145.00	\$ 2,704,437.62	6.644%
Feb-16	\$ 44,036,056.00	\$ 294,389.39	0.669%
Mar-16	\$ 48,065,656.29	\$ 389,599.01	0.811%
Apr-16	\$ 55,008,508.29	\$ 4,896,288.88	8.901%
May-16	\$ 52,858,597.00	\$ 574,563.38	1.087%
Jun-16			
TOTAL	\$ 588,813,436.46	\$ 13,252,657.97	2.251%



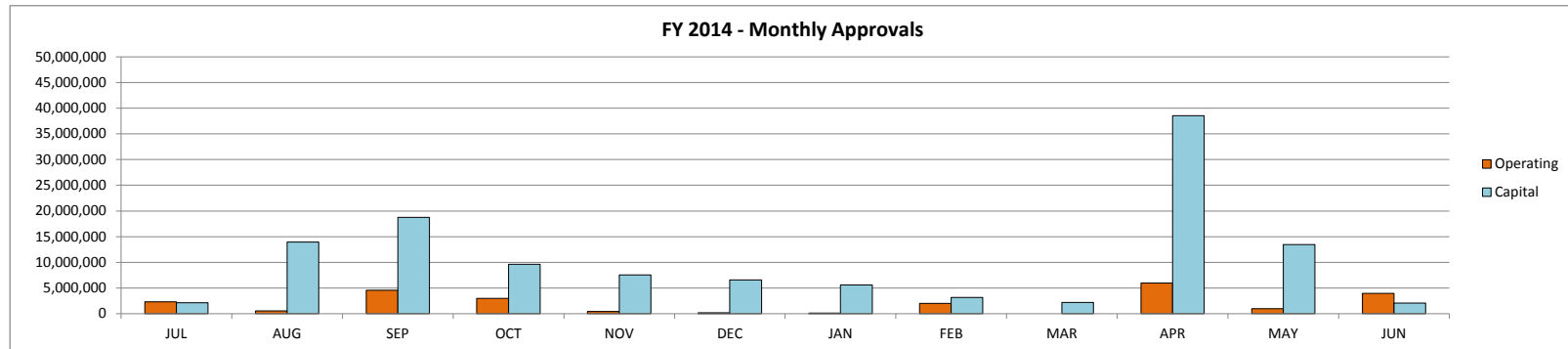
BOARD MEETING ACTIONS 5-23-16				
<u>DESCRIPTION</u>	<u>DEPARTMENT</u>	<u>ACCOUNT</u>	<u>OPERATING</u>	<u>CAPITAL</u>
Jacob's Engineering / Beargrass Creek Flood Pump Station Electrical Improvements	F14162 - Eng Design / Construction	56216 - Construction		\$414,465
Pace Contracting / 4th Street Pump Station 2016 Improvements Project	F12095 - Eng Design / Construction	56216 - Construction		\$2,922,000
		May Totals	<u>\$0</u>	<u>\$3,336,465</u>
		Y-T-D TOTALS	<u>\$16,495,603</u>	<u>\$115,503,527</u>



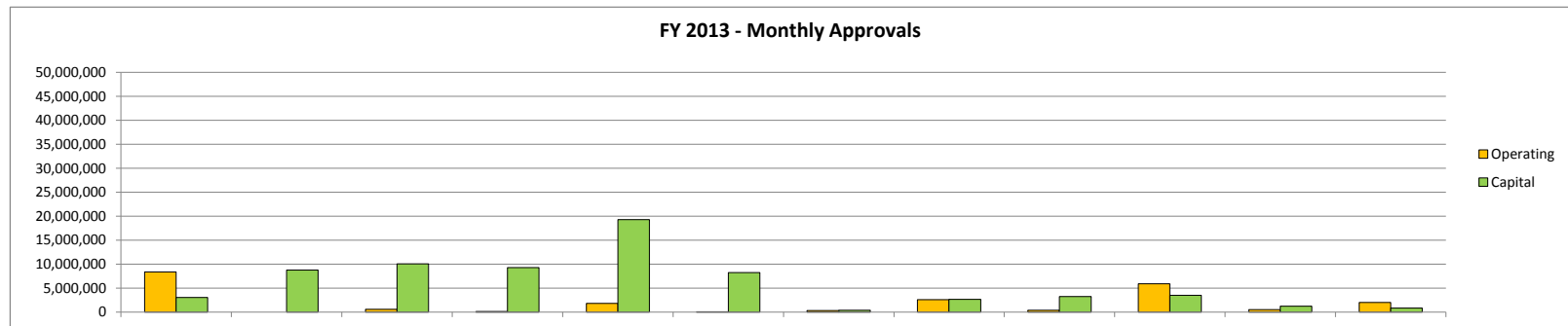
<u>2016</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>	<u>Percentage</u>
Operating	2,106,697	1,564,811	1,670,350	400,000	1,423,300	1,296,583	0	0	1,172,755	6,861,107	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	0	115,503,527	88%
Total	12,652,828	7,212,885	8,773,223	5,791,209	15,341,234	14,968,105	4,630,083	5,736,777	7,845,215	45,711,107	3,336,465	0	131,999,131	100%



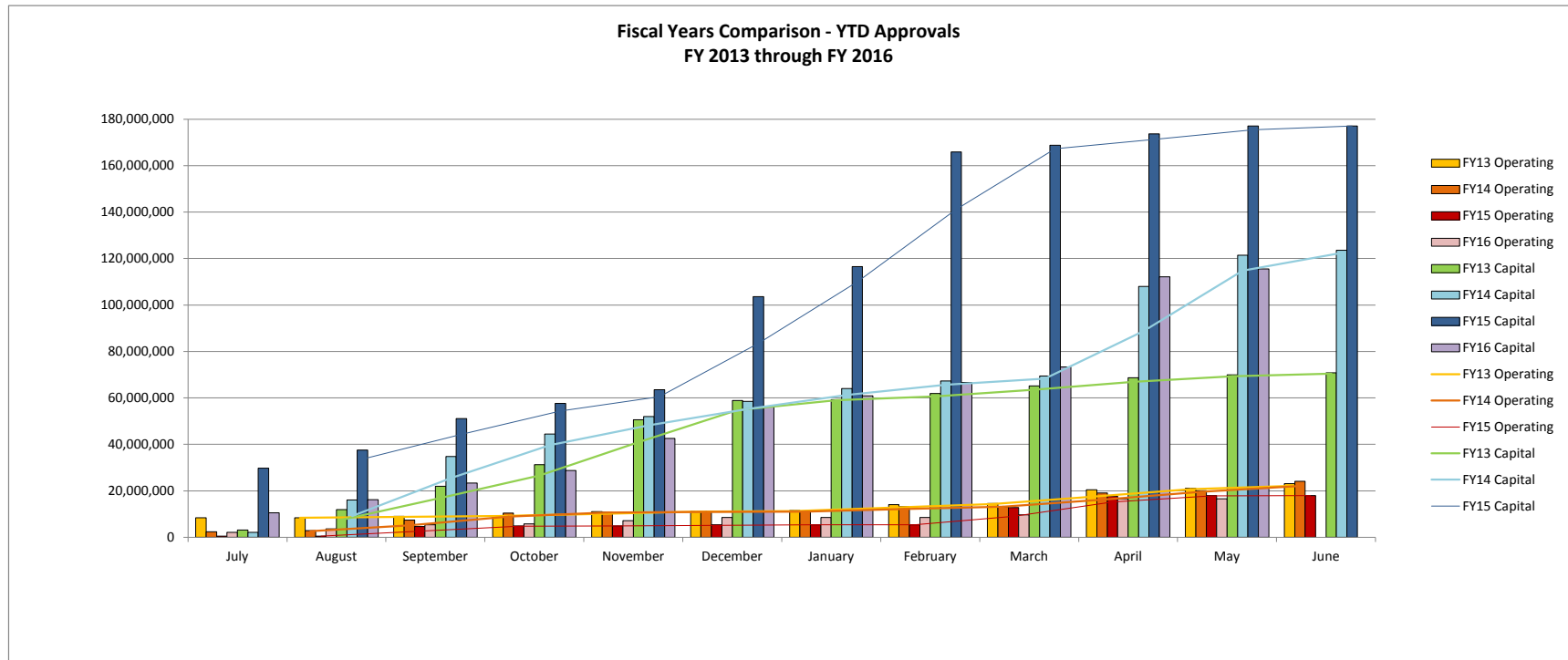
<u>2015</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>	<u>Percentage</u>
Operating	524,000	0	4,036,001	334,790	0	421,801	0	0	7,400,112	4,985,695	250,000	4,489,873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



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



<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%
Total	11,481,585	8,787,007	10,711,612	9,442,696	21,140,591	8,413,750	740,055	5,264,792	3,686,112	9,512,838	1,798,792	2,938,095	93,917,925	100%



<u>2016</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>	<u>Percentage</u>
Operating	2,106,697	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	0	16,495,603	12%
Capital	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	0	115,503,527	88%
Total	12,652,828	19,865,713	28,638,936	34,430,145	49,771,379	64,739,484	69,369,567	75,106,344	82,951,559	128,662,666	131,999,131	0	131,999,131	100%

<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	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%
Capital	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%
Total	30,251,349	38,099,374	55,635,623	62,457,015	68,428,458	108,860,959	121,887,558	171,160,214	181,547,582	191,438,153	195,043,043	195,043,043	218,576,379	100%



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Louisville, KY 40203-1911
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