FINANCIAL REPORT

SEPTEMBER 2017

msd
Safe, clean waterways

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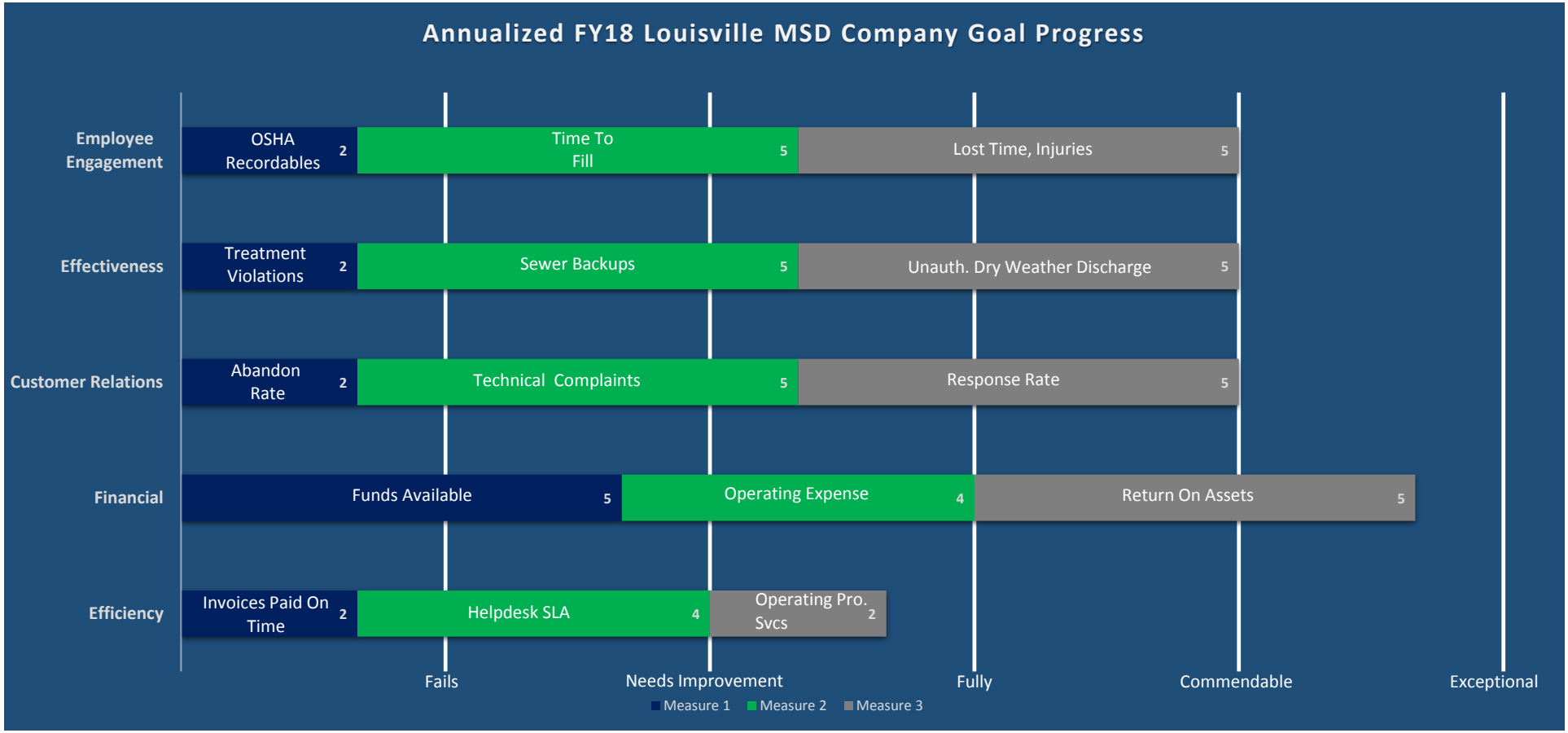
RECOMMENDED FY 2018 COMPANY GOALS

Goal 1 **Employee Engagement**	**OSHA Recordables** Metric Count of OSHA Recordable Injuries Exceptional = ≤ 20 Commendable = 21 – 25 Fully Achieves = 26 – 30 Needs Improvement = 31 – 35 Fails to Achieve = ≥ 36 (est. by Lynne Fleming)	**Time to Fill Positions** Metric Average days from submission of job requisition to hire date. Exceptional = ≤ 47.37 Commendable = 47.38 – 51.48 Fully Achieves = 51.49 – 55.58 Needs Improvement = 55.59 – 59.68 Fails to Achieve = ≥ 59.69 (est. by Lynne Fleming)	**Lost Time Injuries** Metric Count of lost-time injuries Exceptional = ≤ 22 Commendable = 23 - 25 Fully Achieves = 26 - 27 Needs Improvement = 28 - 29 Fails to Achieve = ≥ 30 (est. by Lynne Fleming)
Goal 2 **Effectiveness**	**Treatment Plant Violations** Metric Count of Permit Violations Exceptional = ≤ 4 Commendable = 5 - 10 Fully Achieves = 11 - 20 Needs Improvement = 21 - 30 Fails to Achieve = ≥ 31 (est. by Alex Novak)	**Sewer Backups** (per 100 miles) Metric Number of Sewer Backups/100 miles of MSD maintained sewers Exceptional = ≤ 27 Commendable = 27.01 - 31 Fully Achieves = 31.01 - 34 Needs Improvement = 34.01 - 40 Fails to Achieve = ≥ 40.01 (est. by Tony Marconi)	**Unauthorized Dry Weather Discharges** Metric Count of Unauthorized Dry Weather Discharges Exceptional = ≤ 22 Commendable = 23 - 32 Fully Achieves = 33 - 42 Needs Improvement = 43 - 52 Fails to Achieve = ≥ 53 (est. by Brian Bingham)
Goal 3 **Customer Relations**	**Call Abandonment Rate** Metric Abandoned Calls /Total Calls Exceptional = ≤ 2.14% Commendable = 2.15 – 3.19% Fully Achieves = 3.20 – 4.25% Needs Improvement = 4.26 – 5.31% Fails to Achieve = ≥ 5.32% (est. by Lanita Grimes)	**Technical Complaints** Metric Technical Complaints /number of active accounts Exceptional = ≤ 4.82% Commendable = 4.83 – 5.16% Fully Achieves = 5.17 – 5.50% Needs Improvement = 5.51 – 5.84% Fails to Achieve = ≥ 5.85% (est. by Lanita Grimes)	**Response Rate** (to sanitary non-rain event backups) Metric Number of field calls responded to within 4 hours/total number of call field calls Exceptional = ≥ 96.36% Commendable = 96.35 – 94.93% Fully Achieves = 94.92 – 93.50% Needs Improvement = 93.49 – 92.07% Fails to Achieve = ≤ 92.06% (est. by Lanita Grimes)
Goal 4 **Financial**	**Funds Available For Spending** Metric Total Revenue-Operating Expense before Cap –Debt Service Payment/Total Revenue Exceptional = ≥ 9.47% Commendable = 8.68 – 9.46% Fully Achieves = 7.89 – 8.67% Needs Improvement = 7.10 – 7.88% Fails to Achieve = ≤ 7.09% (est. by Chad Collier)	**Operating Expense** Metric Actual/Budget Exceptional = ≤ 92.50% Commendable = 92.49 – 95% Fully Achieves = 95.01 – 100% Needs Improvement = 100.01 – 105% Fails to Achieve = ≥ 105.01% (est. by Chad Collier)	**Return On Assets** Metric Net Income/Average Total Assets Exceptional = ≥ 1.80% Commendable = 1.66 – 1.79% Fully Achieves = 1.52 – 1.65% Needs Improvement = 1.37 – 1.51% Fails to Achieve = ≤ 1.36% (est. by Chad Collier)
Goal 5 **Efficiency**	**Invoices Paid On-Time** Metric Invoices Paid On Time /Total Invoices Exceptional = ≥80.65% Commendable = 77.82 - 80.64% Fully Achieves = 75.00 – 77.81% Needs Improvement = 70.00 – 74.99% Fails to Achieve = ≤ 69.99% (est. by Chad Collier)	**IT Helpdesk SLA** Metric Helpdesk Tickets meeting SLA / Total Helpdesk Tickets Exceptional = ≥ 87.03% Commendable = 86.27 – 87.02% Fully Achieves = 85.52 – 86.26% Needs Improvement = 84.76 – 85.51% Fails to Achieve = ≤ 84.75% (est. by Tom Luckett)	**Operating Professional Services** Metric Operating Professional Services / O&M before Cap. Exceptional = ≤ 2.68% Commendable = 2.69 – 3.09% Fully Achieves = 3.10 – 3.50% Needs Improvement = 3.51 – 3.91% Fails to Achieve = ≥ 3.92% (est. by Chad Collier)



Annualized Goals As Of 10/19/2017

Prepared By: Craig Calvert

METROPOLITAN SEWER DISTRICT
FINANCIAL STATEMENT OVERVIEW
SEPTEMBER 30, 2017

REVENUES:

Revenue (thousands)	YTD FY 2018	YTD FY 2017	Variance	% Change	FYTD 2018 Budget	FY 2018 Budget Var	%
Wastewater	53,139	52,153	986	1.89%	52,006	1,133	2.18%
Stormwater	15,239	14,676	562	3.83%	15,911	(672)	(4.22%)
Other	945	1,414	(469)	(33.16%)	1,000	(55)	(5.50%)
Total Operating Revenue	**$ 69,323**	**$ 68,243**	**$ 1,079**	**1.58%**	**$ 68,917**	**$ 406**	**0.59%**

Year to date Total Operating Revenue is $69.3 million compared to $68.2 million for the same period last year, an increase of $1.0 million 1.5%. Total Operating Revenue is up $0.4 million or 0.5% to budget.

Wastewater service charges total $53.1 million year to date. This is an increase of $0.9 million or 1.8% from last year and is $1.1 million or 2.1% higher than budget. MSD's Wastewater revenue for Q1 is approximately $2 million lower than expected. LWC meter reading delays in September shifted some revenue that would have been recognized in September to October. LWC also reported significantly lower water consumption year over year for September.

Stormwater service charges are $15.2 million for the year, an increase of $0.5 million or 3.8% from last year and are $0.6 million or 4.2% lower than budget. LWC meter reading delays in September shifted some revenue that would have been recognized in September to October. In addition, there were approximately $250,000 in stormwater bill adjustments posted in September related to the annexation of some streets in Jeffersontown and adjustments for a large commercial customer.

Other Income totals $0.9 million year to date. This is a decrease of $0.4 million or 33.1% from last year and is $0.5 million or 5.5% less than budget.

OPERATING EXPENSES:

Expenses (thousands)	YTD FY 2018	YTD FY 2017	Variance	% Change	FYTD 2018 Budget	FY 2018 Budget Var	%
Net Service & Admin Costs	21,305	20,149	1,156	5.74%	26,384	(5,079)	(19.25%)
Depreciation	19,810	19,186	624	3.25%	19,317	493	2.55%
Total Operating Expenses	**$ 41,115**	**$ 39,335**	**1,780**	**4.53%**	**$ 45,701**	**$ (4,586)**	**(10.03%)**

Service & Administrative Costs are $21.3 million year to date. This is $1.1 million or 5.7% more than the same period last year and $5.0 million or 19.2% less than budget. Service and Administrative cost savings to budget are being driven by Contractual Services savings to budget in the IT and Legal Divisions. Additionally, the Operations Division is $2 million down to budget YTD.

Depreciation expense totals $19.8 million year to date. This is an increase of $0.6 million or 3.2% from a year ago and $0.4 million or 2.5% more than budget.

Total Operating Expenses for fiscal year 2018 are $41.1 million which is 4.5% or $1.7 million more than the same period last year and 10.0% or $4.5 million less than budget.

NET INCOME:

Net Income (thousands)	YTD FY 2018	YTD FY 2017	Variance	% Change	FYTD 2018 Budget	FY 2018 Budget Var	%
Net Operating Income	**28,208**	**28,909**	**(701)**	**(2.42%)**	**23,216**	**4,992**	**21.50%**
Investment Income	3,678	2,783	895	32.16%	4,598	(919)	(20.00%)
Interest Expense	(18,904)	(17,852)	(1,052)	(5.89%)	(20,036)	1,131	5.65%
Other Non-operating	1,637	-	1,637	0.00%	-	1,637	
Net Income before Swaps	**14,619**	**13,840**	**779**	**5.63%**	**7,778**	**6,841**	**87.96%**
Change in Fair Value/Swap	1,121	2,153	(1,031)	47.92%	-	1,121	
Total Net Income	**$ 15,740**	**$ 15,992**	**$ (252)**	**(1.58%)**	**$ 7,778**	**$ 7,962**	**102.37%**

Year to date Net Operating Income (NOI) is $28.2 million compared to $28.9 million for the same period last year, a decrease of $0.7 million or 2.4%. NOI is $4.9 million or 21.5% higher than the year to date budget.

Year to date Investment Income is $3.6 million compared to $2.7 million for the same period last year, an increase of $0.8 million or 32.1% and is $0.9 million or 20.0% lower than budget.

Year to date Interest Expense is $1.0 million or 5.8% more than last year and $1.1 million or 5.6% less than budget.

Year to date Net Income before Swaps totaled $14.6 million compared to $13.8 million for the same period last year, an increase of $0.7 million or 5.6% and is $6.8 million or 87.9% higher than budget.

Year to date Net Income/(Loss) including the mark to market change on swaps totaled $15.7 million. This is $0.2 million or 1.5% less than the same period last year and $7.9 million or 102.3% more than budget.

Submitted by: Brad Good
October 13, 2017

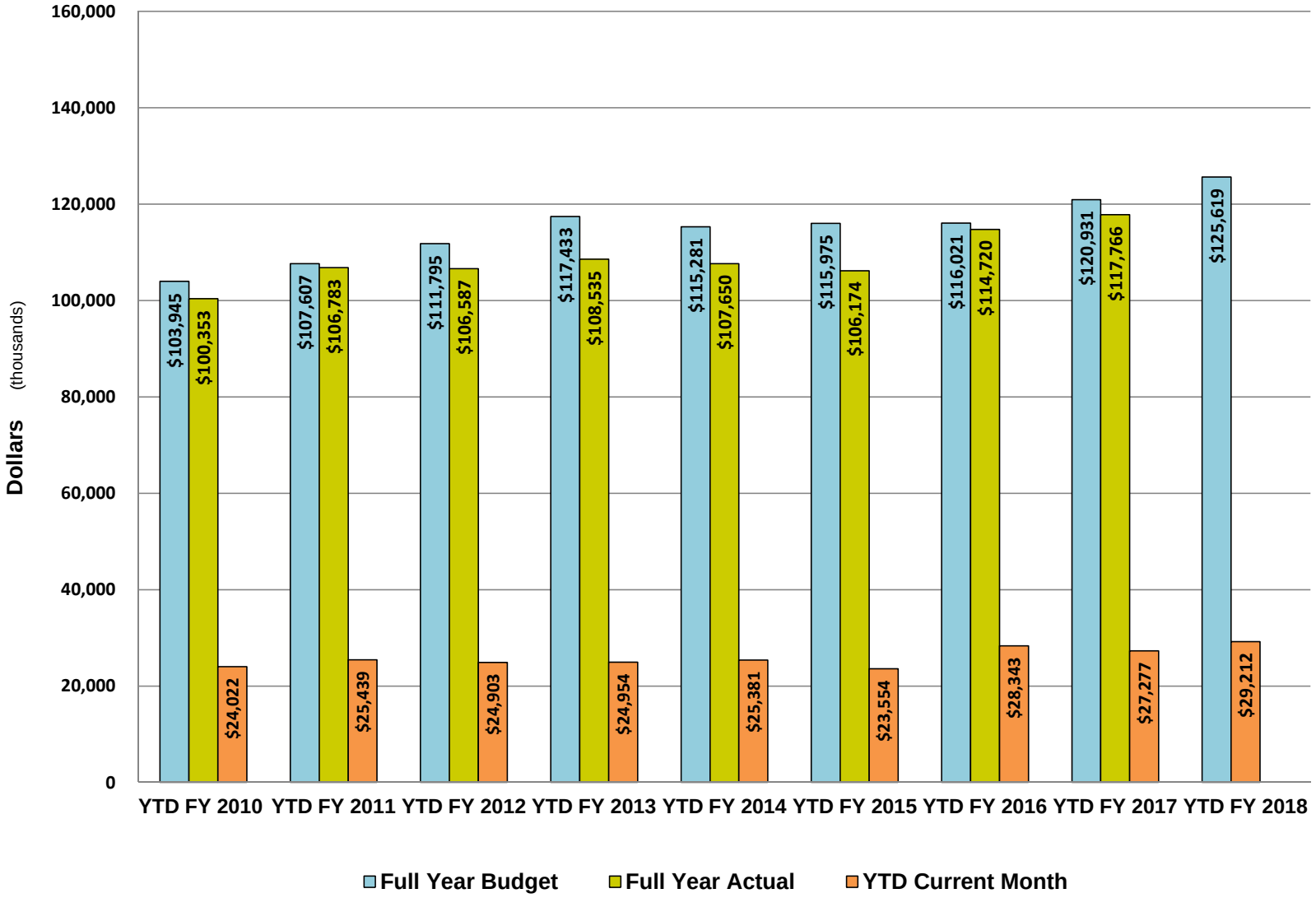
STATEMENT OF CHANGES IN NET POSITION, SEPTEMBER 30, 2017

MTD September 2017	MTD September 2016	Variance	Percent		YTD September 2017	YTD September 2016	Variance	Percent
				Sewer Charges				
9,257,730.29	9,328,262.58	(70,532.29)	-0.76%	Residential	28,753,611.85	27,485,960.82	1,267,651.03	4.61%
6,524,111.66	6,756,884.02	(232,772.36)	-3.44%	Commercial	17,795,772.49	17,209,436.89	586,335.60	3.41%
682,499.58	2,549,958.61	(1,867,459.03)	-73.23%	Industrial	5,659,441.71	6,452,158.72	(792,717.01)	-12.29%
932,384.05	991,379.48	(58,995.43)	-5.95%	Other	2,598,904.20	2,586,413.70	12,490.50	0.48%
(578,597.14)	(561,743.64)	(16,853.50)	3.00%	Free Sewer Charges	(1,668,445.01)	(1,580,779.38)	(87,665.63)	5.55%
16,818,128.44	**19,064,741.05**	**(2,246,612.61)**	**-11.78%**	**Total Sewer Charges**	**53,139,285.24**	**52,153,190.75**	**986,094.49**	**1.89%**
5,024,224.04	**5,115,338.34**	**(91,114.30)**	**-1.78%**	**Drainage Charges**	**15,238,509.08**	**14,676,496.27**	**562,012.81**	**3.83%**
21,842,352.48	**24,180,079.39**	**(2,337,726.91)**	**-9.67%**	**Total Service Charges**	**68,377,794.32**	**66,829,687.02**	**1,548,107.30**	**2.32%**
136,344.55	**302,532.93**	**(166,188.38)**	**-54.93%**	**Other Operating Income**	**944,953.96**	**1,413,716.39**	**(468,762.43)**	**-33.16%**
21,978,697.03	**24,482,612.32**	**(2,503,915.29)**	**-10.2%**	**Total Operating Revenue**	**69,322,748.28**	**68,243,403.41**	**1,079,344.87**	**1.6%**
				Operating Expenses				
3,703,813.81	1,261,384.42	2,442,429.39	193.63%	Salaries & Wages	10,872,386.26	9,374,172.98	1,498,213.28	15.98%
1,324,353.16	1,081,125.46	243,227.70	22.50%	Labor Related Overhead	4,555,810.81	3,681,530.36	874,280.45	23.75%
990,969.57	1,389,059.44	(398,089.87)	-28.66%	Utilities	3,011,793.75	3,650,661.54	(638,867.79)	-17.50%
695,177.94	747,073.54	(51,895.60)	-6.95%	Materials & Supplies	1,960,227.29	1,937,875.92	22,351.37	1.15%
1,624,086.18	1,639,179.28	(15,093.10)	-0.92%	Contractual Services	6,044,984.58	6,045,191.46	(206.88)	0.00%
413,562.69	353,196.74	60,365.95	17.09%	Chemicals	856,595.50	1,099,010.99	(242,415.49)	-22.06%
99,558.12	86,438.30	13,119.82	15.18%	Fuel	294,331.99	268,114.26	26,217.73	9.78%
141,705.56	130,650.47	11,055.09	8.46%	Insurance Premiums & Claims	401,893.70	371,343.15	30,550.55	8.23%
250,000.00	389,178.57	(139,178.57)	-35.76%	Bad Debt	750,000.00	662,631.55	87,368.45	13.19%
138,581.38	70,051.93	68,529.45	97.83%	Other Operating Expense	464,190.96	186,793.72	277,397.24	148.50%
-	-	-		Mapping/Insurance Recovery	-	-	-	
(2,287,851.08)	(1,568,908.77)	(718,942.31)	45.82%	Capitalized Overhead	(7,906,924.46)	(7,128,290.38)	(778,634.08)	10.92%
-	-	-		Capital Expenses (over)/under applied	-	-	-	
7,093,957.33	**5,578,429.38**	**1,515,527.95**	**27.17%**	**Total Service and Administrative Costs**	**21,305,290.38**	**20,149,035.55**	**1,156,254.83**	**5.74%**
6,489,280.82	6,282,982.90	206,297.92	3.28%	Depreciation	19,470,430.99	18,876,935.80	593,495.19	3.14%
114,848.84	99,492.81	15,356.03	15.43%	Amortization	339,347.27	308,887.05	30,460.22	9.86%
6,604,129.66	**6,382,475.71**	**221,653.95**	**3.47%**	**Total Depreciation/Amortization**	**19,809,778.26**	**19,185,822.85**	**623,955.41**	**3.25%**
13,698,086.99	**11,960,905.09**	**1,737,181.90**	**14.5%**	**Total Operating Expenses**	**41,115,068.64**	**39,334,858.40**	**1,780,210.24**	**4.5%**
8,280,610.04	**12,521,707.23**	**(4,241,097.19)**	**-33.9%**	**Net Operating Income**	**28,207,679.64**	**28,908,545.01**	**(700,865.37)**	**-2.4%**
				Non-Operating Revenue (Expenses)				
-	-	-		Gain/Loss Disposal of Assets	-	-	-	
797,606.76	544,545.24	253,061.52	46.47%	Investment Income	3,678,110.23	2,783,170.90	894,939.33	32.16%
(6,796,243.55)	(7,061,613.26)	265,369.71	-3.76%	Interest Expense	(18,904,268.91)	(17,851,988.84)	(1,052,280.07)	5.89%
(5,998,636.79)	**(6,517,068.02)**	**518,431.23**	**-8.0%**	**Total Non-Operating Revenue (Expenses)**	**(15,226,158.68)**	**(15,068,817.94)**	**(157,340.74)**	**1.0%**
1,637,375.89	**-**	**1,637,375.89**		**Contributions**	**1,637,375.89**	**-**	**1,637,375.89**	
3,919,349.14	**6,004,639.21**	**(2,085,290.07)**	**-34.7%**	**Change in Net Position before change in Swaps**	**14,618,896.85**	**13,839,727.07**	**779,169.78**	**5.6%**
4,962,946.12	**1,504,386.57**	**3,458,559.55**	**229.90%**	**Change in Fair Value of Swaps**	**1,121,088.65**	**2,152,507.71**	**(1,031,419.06)**	**-47.92%**
8,882,295.26	**7,509,025.78**	**1,373,269.48**	**18.3%**	**Change in Net Position after change in Swaps**	**15,739,985.50**	**15,992,234.78**	**(252,249.28)**	**-1.6%**

STATEMENT OF NET POSITION, SEPTEMBER 30, 2017

	YTD September 2017	YTD June 2017	Variance	Percent
Current Assets				
Unrestricted Cash & Cash Equivalents	66,678,074.42	52,544,251.86	14,133,822.56	26.90%
Sewer & Drainage Receivable	21,156,655.11	17,432,188.20	3,724,466.91	21.37%
Assessment Warrants Receivable	434,786.28	485,306.81	(50,520.53)	-10.41%
Miscellaneous Receivables	4,910,687.26	5,562,915.88	(652,228.62)	-11.72%
Inventories	4,244,368.38	4,183,938.41	60,429.97	1.44%
Prepaid Expenses	1,723,023.04	1,810,951.81	(87,928.77)	-4.86%
Restricted Funds	334,698,810.33	166,321,339.53	168,377,470.80	101.24%
Accrued Interest Receivable	1,066,273.56	1,066,273.56	-	0.00%
Total Current Assets	**434,912,678.38**	**249,407,166.06**	**185,505,512.32**	**74.38%**
Non-Current Assets				
Utility Plant in Service	3,312,934,911.38	3,306,851,452.48	6,083,458.90	0.18%
Accumulated Depreciation	(1,165,522,852.88)	(1,146,036,089.02)	(19,486,763.86)	1.70%
Construction in Progress	616,904,996.97	581,221,650.31	35,683,346.66	6.14%
Net Fixed Assets	**2,764,317,055.47**	**2,742,037,013.77**	**22,280,041.70**	**0.81%**
Non-Current Receivables	**33,681,293.54**	**32,767,774.80**	**913,518.74**	**2.79%**
Total Assets	**3,232,911,027.39**	**3,024,211,954.63**	**208,699,072.76**	**6.90%**
Total Deferred Outflow of Resources	**36,081,439.20**	**35,910,963.97**	**170,475.23**	**0.47%**
Total Assets & Deferred Outflow of Resources	**3,268,992,466.59**	**3,060,122,918.60**	**208,869,547.99**	**6.83%**
Current Liabilities				
Miscellaneous Accounts Payable	5,631,779.66	10,302,789.36	(4,671,009.70)	-45.34%
Accounts Payable - Construction	5,864,089.39	16,134,464.71	(10,270,375.32)	-63.65%
Contract Retainage	15,785,930.78	14,629,757.51	1,156,173.27	7.90%
Accrued Interest Payable	40,291,964.20	15,934,685.71	24,357,278.49	152.86%
Current Maturities of Bonds Payable	33,335,000.00	33,655,000.00	(320,000.00)	-0.95%
Bond Anticipation Notes	228,313,118.87	228,313,118.87	0.00	0.00%
Deposits Payable	2,067,378.00	2,300,354.00	(232,976.00)	-10.13%
Accrued Salaries & Wages	1,083,078.95	1,567,143.09	(484,064.14)	-30.89%
Accrued Workers' Comp Insurance	1,700,642.49	1,700,642.49	-	0.00%
Employee Comp Absences Payable	2,758,343.77	2,979,850.89	(221,507.12)	-7.43%
Total Current Liabilities	**336,831,326.11**	**327,517,806.63**	**9,313,519.48**	**2.84%**
Non-Current Liabilities				
Long-Term Debt Payable	1,999,685,000.00	1,831,605,000.00	168,080,000.00	9.18%
Other Long-Term Liability	165,540,360.21	148,459,934.71	17,080,425.50	11.51%
Total Non-Current Liabilities	**2,165,225,360.21**	**1,980,064,934.71**	**185,160,425.50**	**9.35%**
Total Liabilities	**2,502,056,686.32**	**2,307,582,741.34**	**194,473,944.98**	**8.43%**
Total Deferred Inflow of Resources	**82,707,575.93**	**84,051,958.42**	**(1,344,382.49)**	**-1.60%**
Total Liabilities & Deferred Inflow of Resources	**2,584,764,262.25**	**2,391,634,699.76**	**193,129,562.49**	**8.08%**
Net Position	**684,228,204.34**	**668,488,218.84**	**15,739,985.50**	**2.35%**

FY 2018
MSD Operating Budget Performance
as of 9/30/17



Prepared by : Patrick Meador

OPERATING EXPENSE
FY 2018

"Manage the operating units of MSD within the FY2018 budget, delivering reliable and responsive services to customers."

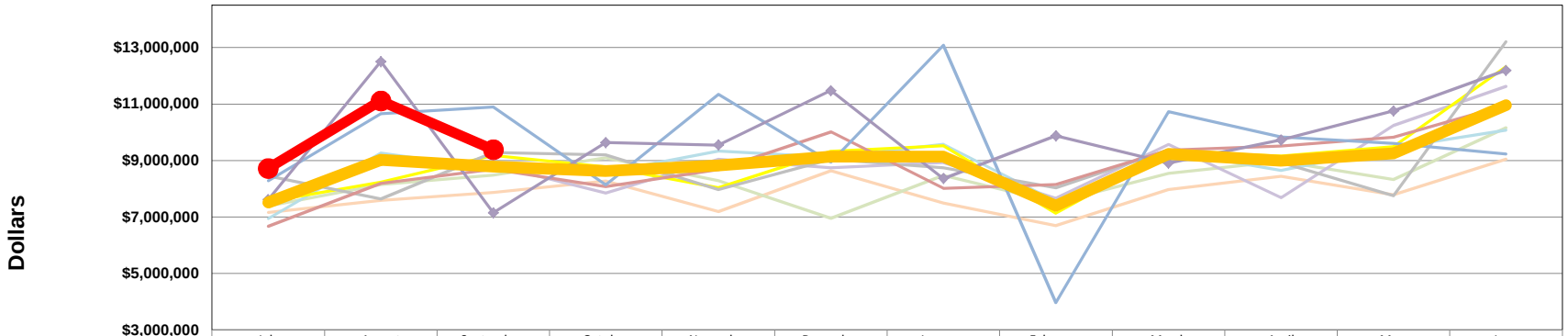
		ACTUALS											
Year to Date Totals	**O&M Budget**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**
FY12 YTD Total	111,795,300	6,938,802	16,201,752	24,902,770	33,479,442	42,814,484	51,935,981	61,511,843	69,073,118	78,407,069	87,058,106	96,507,485	106,587,246
FY13 YTD Total	117,433,000	7,542,927	15,776,654	24,954,227	33,728,389	41,767,405	50,599,259	60,126,918	67,751,390	77,063,950	86,612,356	96,217,336	108,535,303
FY14 YTD Total	115,280,596	8,456,854	16,096,345	25,381,204	34,584,770	42,559,114	51,600,642	60,344,260	68,384,591	77,766,147	86,691,675	94,446,233	107,650,171
FY15 YTD Total	115,975,014	6,671,498	14,866,211	23,553,895	31,636,191	40,321,276	50,333,536	58,353,348	66,508,611	75,879,722	85,389,477	95,219,201	106,174,406
FY16 YTD Total	116,021,156	7,762,835	16,440,660	28,342,724	37,926,793	46,102,024	58,298,571	68,378,257	75,313,842	86,045,680	95,886,535	105,489,677	114,719,776
FY17 YTD Total	120,930,511	7,620,192	20,131,479	27,277,326	36,914,606	46,463,982	57,941,517	66,304,967	76,178,939	85,083,800	94,811,091	105,572,784	117,765,773
FY18 YTD Total	125,619,049	8,716,633	19,830,607	29,212,214									
Percent Expended to Date													
FY13 YTD Total		6.95%	14.54%	22.99%	31.08%	38.48%	46.62%	55.40%	62.42%	71.00%	79.80%	88.65%	100.00%
FY14 YTD Total		7.86%	14.95%	23.58%	32.13%	39.53%	47.93%	56.06%	63.52%	72.24%	80.53%	87.73%	100.00%
FY15 YTD Total		6.28%	14.00%	22.18%	29.80%	37.98%	47.41%	54.96%	62.64%	71.47%	80.42%	89.68%	100.00%
FY16 YTD Total		6.77%	14.33%	24.71%	33.06%	40.19%	50.82%	59.60%	65.65%	75.01%	83.58%	91.95%	100.00%
FY17 YTD Total		6.47%	17.09%	23.16%	31.35%	39.45%	49.20%	56.30%	64.69%	72.25%	80.51%	89.65%	100.00%
	5 Year Average	6.87%	14.60%	23.36%	31.49%	39.27%	48.30%	56.75%	63.81%	72.66%	81.20%	89.71%	100.00%
Performance Matrix Results - FY 2017													
FY17 YTD Budget		11,167,744	20,731,558	31,490,332	41,091,528	49,875,373	60,115,451	68,935,652	77,832,461	87,099,398	96,689,232	107,146,171	120,930,511
FY17 YTD Total		7,620,192	20,131,479	27,277,326	36,914,606	46,463,982	57,941,517	66,304,967	76,178,939	85,083,800	94,811,091	105,572,784	117,765,773
Variance of Actual to Budget		(3,547,552)	(600,079)	(4,213,006)	(4,176,922)	(3,411,391)	(2,173,934)	(2,630,685)	(1,653,522)	(2,015,598)	(1,878,141)	(1,573,387)	(3,164,738)
FY 2017 Performance Level Matrix Results		**68.23%**	**97.11%**	**86.62%**	**89.84%**	**93.16%**	**96.38%**	**96.18%**	**97.88%**	**97.69%**	**98.06%**	**98.53%**	**97.38%**
Performance Matrix Results - FY 2018													
FY18 YTD Budget		12,016,688	22,654,587	34,549,265	44,947,730	54,725,425	66,126,939	75,242,593	84,742,718	95,519,910	105,556,075	115,314,451	125,619,049
FY18 YTD Total		8,716,633	19,830,607	29,212,214									
Variance of Actual to Budget		(3,300,055)	(2,823,980)	(5,337,051)									
FY 2018 Performance Level Matrix Results		**72.54%**	**87.53%**	**84.55%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**

Budget Results				
	Budget	**Actual**	**Percentage**	**5 Yr Average**
FY13	117,433,000	108,535,303	92.42%	**95.12%**
FY14	115,280,596	107,650,171	93.38%	
FY15	115,975,014	108,496,496	93.55%	
FY16	116,021,156	114,719,776	98.88%	
FY17	117,765,773	120,930,511	97.38%	

Prepared by: Patrick Meador

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

MSD
FY 2018 Monthly Operating Performance
Actual Results versus Eight Year Average
As of 9/30/17



	July	August	September	October	November	December	January	February	March	April	May	June
FY09 Monthly Expense	7,159,223	7,587,494	7,873,654	8,275,113	7,195,068	8,635,986	7,491,173	6,690,664	7,971,547	8,437,125	7,781,021	9,048,130
FY10 Monthly Expense	7,386,999	8,148,639	8,486,419	9,094,573	8,283,698	6,948,622	8,476,898	7,519,560	8,540,456	8,974,921	8,330,559	10,162,054
FY11 Monthly Expense	7,587,390	9,001,815	8,850,109	7,851,341	9,040,318	8,747,213	8,932,186	7,661,459	9,567,360	7,677,838	10,239,672	11,625,964
FY12 Monthly Expense	6,938,802	9,262,950	8,701,018	8,576,673	9,335,042	9,121,497	9,575,862	7,561,275	9,333,951	8,651,037	9,449,379	10,079,761
FY13 Monthly Expense	7,542,927	8,233,728	9,177,573	8,774,161	8,039,016	9,326,840	9,527,659	7,129,486	9,312,560	9,163,157	9,495,244	12,317,967
FY14 Monthly Expense	8,456,854	7,639,492	9,284,868	9,203,567	7,974,333	9,041,529	8,743,617	8,040,331	9,381,557	8,925,528	7,754,558	13,203,938
FY15 Monthly Expense	6,671,498	8,194,713	8,687,684	8,082,296	8,684,686	10,012,260	8,019,812	8,155,263	9,371,511	9,509,755	9,830,123	10,954,806
FY16 Monthly Expense	8,282,835	10,657,815	10,902,076	8,137,821	11,341,478	8,945,330	13,079,686	3,966,801	10,731,838	9,840,856	9,601,731	9,231,509
FY17 Monthly Expense	7,620,192	12,509,795	7,147,062	9,637,557	9,549,376	11,477,535	8,363,450	9,873,973	8,904,861	9,727,223	10,761,760	12,192,989
Nine Year Average	7,516,302	9,026,271	8,790,051	8,625,900	8,827,002	9,139,646	9,134,483	7,399,868	9,235,071	8,989,715	9,249,339	10,957,902
FY18 Monthly Expense	8,716,169	11,113,723	9,382,323									

Prepared by: Patrick Meador

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

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

FY 2018
Summary of MSD Operating Expense
as of 9/30/2017

Operating Expenses	FY18 Budget	FY18 YTD Actual	FY17 YTD Actual	Variance Actual to Budget	Variance Actual to Prior Year
Salaries & Wages	10,568,886	10,872,386	9,374,173	303,500	1,498,214
Labor Related Overhead	4,778,529	4,555,811	3,681,530	(222,718)	874,281
Utilities	3,586,644	3,011,794	3,650,662	(574,850)	(638,868)
Materials & Supplies	2,625,449	1,778,395	1,924,618	(847,054)	(146,223)
Contractual Services	9,812,902	6,220,009	6,057,222	(3,592,893)	162,787
Chemicals	1,043,574	856,596	1,099,011	(186,979)	(242,416)
Fuel	335,415	294,332	270,834	(41,083)	23,498
Insurance Premiums & Claims	533,420	401,894	371,343	(131,526)	30,551
Bad Debt	499,997	750,000	662,632	250,003	87,368
Other Operating Expense	764,449	461,810	186,794	(302,639)	275,016
System Roll-up Variance	0	9,188	0	9,188	9,188
TOTAL	34,549,265	29,212,214	27,278,818	(5,337,051)	1,933,395

DIVISIONS	FY18 Budget	FY18 YTD Actual	FY17 YTD Actual	Variance Actual to Budget	Variance Actual to Prior Year
Engineering	2,681,016	2,420,282	2,001,779	(260,734)	418,503
Executive	1,934,343	1,789,508	561,496	(144,835)	1,228,012
Finance	3,331,721	3,256,128	2,859,570	(75,593)	396,558
Human Resources	1,274,276	1,096,830	1,352,070	(177,446)	(255,240)
Information Technology	3,995,731	2,072,899	2,744,814	(1,922,832)	(671,915)
Legal Services	1,154,819	420,620	314,384	(734,199)	106,236
OPERATIONS GROUP	20,177,359	18,146,759	17,444,706	(2,030,600)	702,053
System Roll-up Variance	0	9,188	0	9,188	9,188
TOTAL	34,549,265	29,212,214	27,278,818	(5,337,051)	1,933,395

OPERATIONS GROUP	FY18 Budget	FY18 YTD Actual	FY17 YTD Actual	Variance Actual to Budget	Variance Actual to Prior Year
COLLECTIONS - (Metro)	5,817,930	4,927,379	4,181,458	(890,551)	745,921
DRAINAGE & FP - (I&FP)	3,651,184	3,136,677	3,488,090	(514,507)	(351,412)
PERFORMANCE	(1,427,038)	186,658	221,724	1,613,696	(35,066)
SUPPORT - (Phy Assets)	3,143,016	1,938,071	1,847,200	(1,204,945)	90,871
TREATMENT - (MFWTP)	8,992,267	7,957,976	7,706,234	(1,034,291)	251,741
Operations Group Total	20,177,359	18,146,759	17,444,706	(2,030,600)	702,053

Prepared by: Patrick Meador

Detail of MSD Operating Expense
as of 9/30/2017

	ENGINEERING		EXECUTIVE		FINANCE		HUMAN RESOURCES	
Operating Expenses	FY18 Budget	FY18 YTD Act	FY18 Budget	FY18 YTD Act	FY18 Budget	FY18 YTD Act	FY18 Budget	FY18 YTD Act
Salaries & Wages	1,852,832	1,568,673	(322,143)	597,799	574,634	496,287	312,399	499,898
Labor Related Overhead	708,572	584,623	285,320	231,282	203,275	185,115	546,048	458,778
Utilities	0	808	103,968	80,544	0	55	0	0
Materials & Supplies	33,841	91,070	98,097	38,719	60,553	54,740	6,100	2,037
Contractual Services	56,550	152,182	1,560,299	615,855	1,574,553	1,423,398	390,163	130,309
Chemicals	0	0	0	0	0	0	0	0
Fuel	0	0	0	0	0	0	0	0
Insurance Premiums & Claims	0	0	0	7,146	341,911	332,480	0	0
Bad Debt	0	0	0	0	499,997	750,000	0	0
Other Operating Expense	29,221	22,927	208,802	218,164	76,798	14,053	19,566	5,807
Settlement Accounts	0	0	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0	0	0
Total	2,681,016	2,420,282	1,934,343	1,789,508	3,331,721	3,256,128	1,274,276	1,096,830

	INFORMATION TECHNOLOGY		LEGAL		OPERATIONS GROUP		TOTAL	
Operating Expenses	FY18 Budget	FY18 YTD Act	FY18 Budget	FY18 YTD Act	FY18 Budget	FY18 YTD Act	FY18 Budget	FY18 YTD Act
Salaries & Wages	683,916	573,329	250,456	143,358	7,216,792	6,993,043	10,568,886	10,872,386
Labor Related Overhead	260,968	233,206	83,875	46,479	2,690,471	2,816,329	4,778,529	4,555,811
Utilities	183,040	217,700	0	0	3,299,636	2,712,688	3,586,644	3,011,794
Materials & Supplies	933,419	351,970	6,253	1,189	1,487,186	1,238,670	2,625,449	1,778,395
Contractual Services	1,826,194	688,614	714,626	135,836	3,690,517	3,073,814	9,812,902	6,220,009
Chemicals	0	0	0	0	1,043,574	856,596	1,043,574	856,596
Fuel	0	0	0	0	335,415	294,332	335,415	294,332
Insurance Premiums & Claims	0	0	79,009	81,165	112,500	(18,897)	533,420	401,894
Bad Debt	0	0	0	0	0	0	499,997	750,000
Other Operating Expense	108,194	8,080	20,600	12,594	301,268	180,185	764,449	461,810
Settlement Accounts	0	0	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0	0	9,188
Total	3,995,731	2,072,899	1,154,819	420,620	20,177,359	18,146,759	34,549,265	29,212,214

Prepared by: Patrick Meador

Detail of MSD Operating Expense
as of 9/30/2017

	COLLECTIONS		DRAINAGE & FP		PERFORMANCE MATRIX	
Operating Expenses	FY18 Budget	FY18 YTD Act	FY18 Budget	FY18 YTD Act	FY18 Budget	FY18 YTD Act
Salaries & Wages	2,494,116	2,608,523	1,435,231	1,151,749	220,843	130,153
Labor Related Overhead	939,871	1,002,224	558,858	560,331	98,344	54,734
Utilities	634,384	291,732	506,448	275,589	(100,003)	0
Materials & Supplies	383,219	301,140	297,001	269,037	(272,916)	391
Contractual Services	970,092	747,293	829,847	667,628	(1,323,570)	971
Chemicals	211,844	(27,475)	0	204,868	(50,006)	0
Fuel	6,000	3,051	2,500	0	0	0
Insurance Premiums & Claims	112,500	(19,233)	0	337	0	0
Bad Debt	0	0	0	0	0	0
Other Operating Expense	65,904	20,126	21,299	7,138	270	408
Settlement Accounts	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0
Total	5,817,930	4,927,379	3,651,184	3,136,677	(1,427,038)	186,658

	SUPPORT		TREATMENT		OPERATIONS GROUP	
Operating Expenses	FY18 Budget	FY18 YTD Act	FY18 Budget	FY18 YTD Act	FY18 Budget	FY18 YTD Act
Salaries & Wages	860,926	772,854	2,205,676	2,329,763	7,216,792	6,993,043
Labor Related Overhead	315,196	301,881	778,202	897,159	2,690,471	2,816,329
Utilities	17,370	60,455	2,241,437	2,084,912	3,299,636	2,712,688
Materials & Supplies	564,693	119,370	515,189	548,732	1,487,186	1,238,670
Contractual Services	886,112	296,221	2,328,036	1,361,702	3,690,517	3,073,814
Chemicals	4,749	0	876,987	679,202	1,043,574	856,596
Fuel	322,667	289,738	4,248	1,543	335,415	294,332
Insurance Premiums & Claims	0	0	0	0	112,500	(18,897)
Bad Debt	0	0	0	0	0	0
Other Operating Expense	171,303	97,552	42,492	54,962	301,268	180,185
Settlement Accounts	0	0	0	0	0	0
System Roll-up Variance	0	0	0	0	0	0
Total	3,143,016	1,938,071	8,992,267	7,957,976	20,177,359	18,146,759

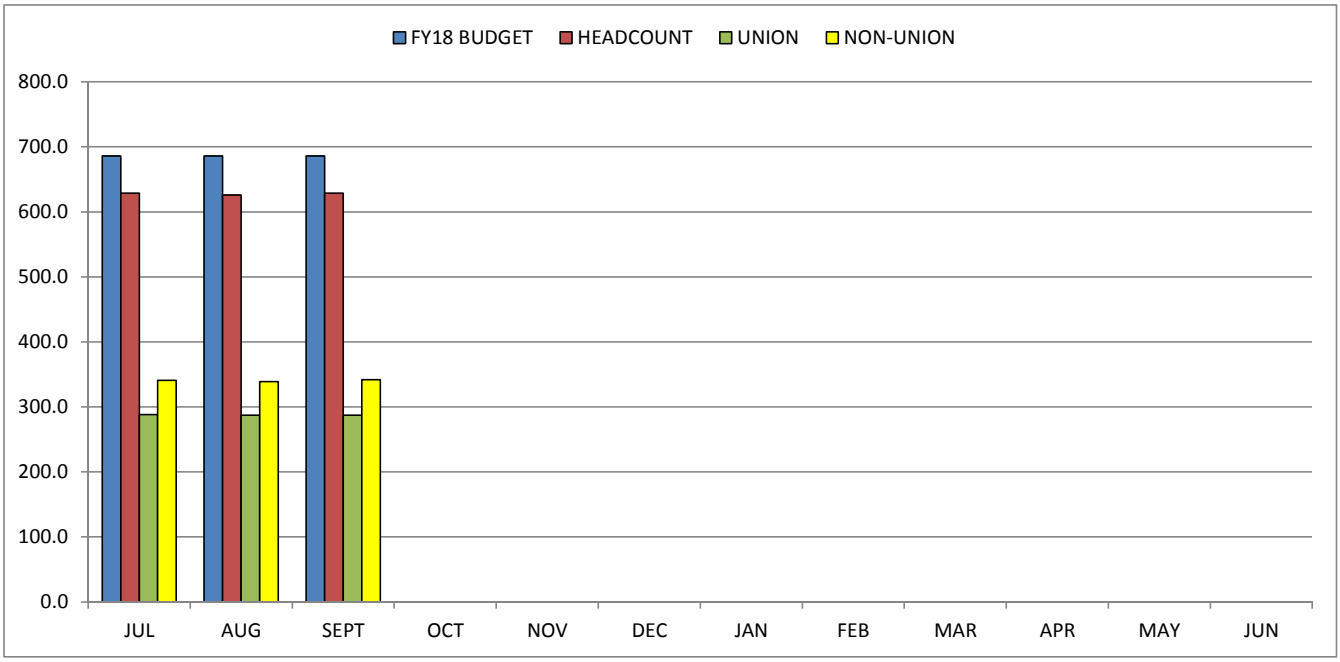
Prepared by: Patrick Meador

FY 2018
MSD STAFFING
September

	UNION	NON-UNION	HEADCOUNT	FY18 BUDGET
ENGINEERING	0.0	88.0	88.0	101.0
EXECUTIVE	0.0	37.0	37.0	42.0
FINANCE	0.0	31.0	31.0	34.0
HUMAN RESOURCES	0.0	14.0	14.0	16.0
INFORMATION TECH	0.0	28.0	28.0	33.0
LEGAL	0.0	6.0	6.0	10.0
OPERATIONS	287.0	138.0	425.0	450.0
ALL DIVISIONS	287.0	342.0	629.0	686.0

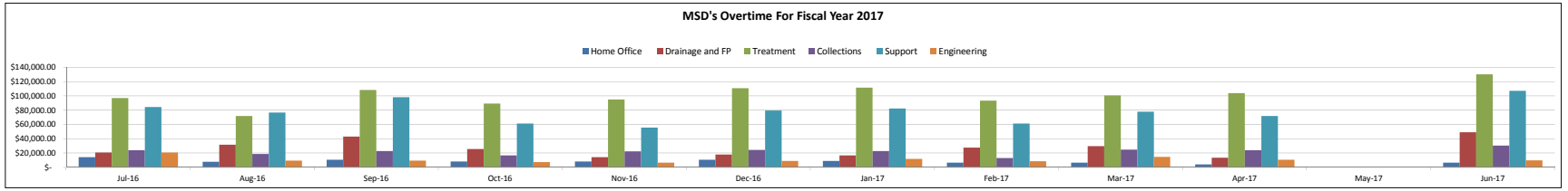
(Non-Union and Headcount Totals include One Water Employees)

Prior Month - July	288.0	341.0	629.0	686.0
Prior Month - August	287.0	339.0	626.0	686.0



Prepared by: Patrick Meador

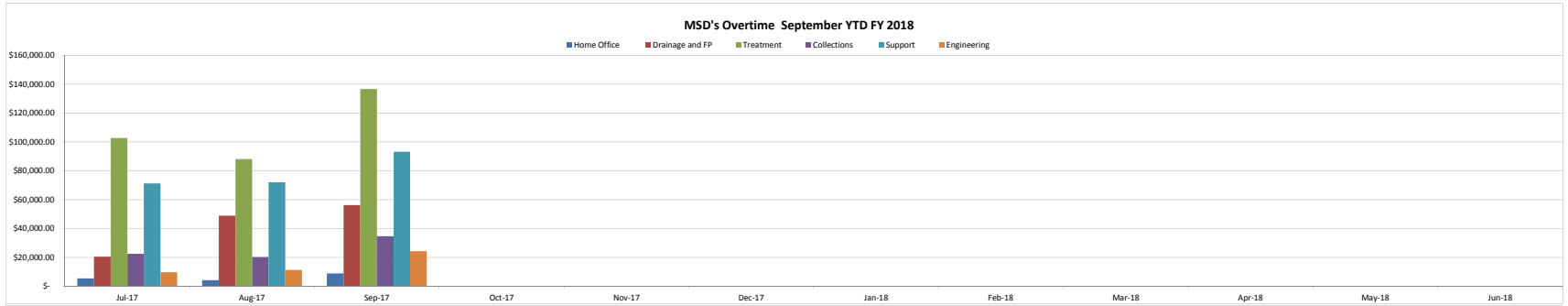
MSD OVERTIME ANALYSIS
September FY 2018

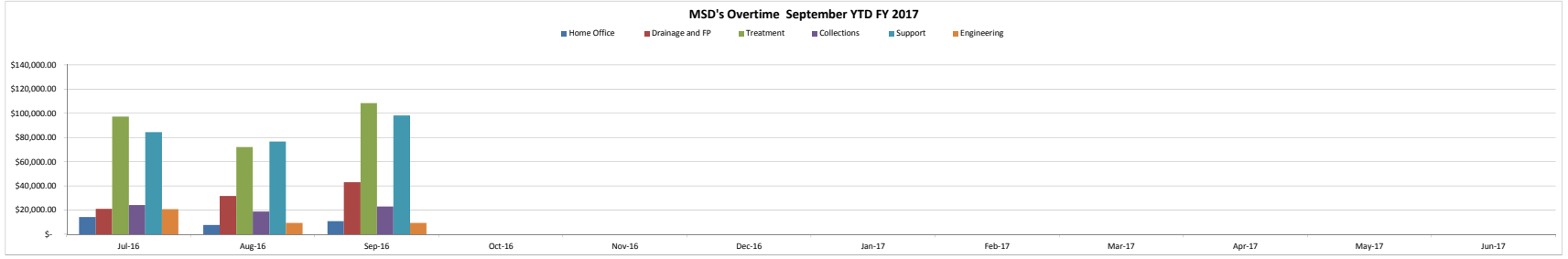


MSD's Total Overtime for Fiscal Year 2017		
	Total Overtime	% of Total Overtime
Home Office	$ 94,207.72	3.46%
Treatment	$ 292,049.91	10.71%
Drainage and Flood Protection	$ 1,115,038.63	40.90%
Collections	$ 246,322.28	9.04%
Support	$ 858,420.20	31.49%
Engineering	$ 120,094.37	4.41%

Total OT/ Total Salary	
	Fiscal Year 2018
Total Overtime	$ 832,532.18
Total Salary	$ 11,564,172.63
Overtime Percentage of Total Salary	**7.20%**

MSD's Overtime Comparision YTD				
	June YTD FY'18		**June FY'17**	Variance
Home Office	$ 18,934.43	Home Office	$ 63,636.41	-$44,701.98
Treatment	$ 327,815.43	Treatment	$ 1,013,611.32	-$685,795.89
Drainage and Flood Protection	$ 125,829.25	Drainage and Flood Protection	$ 258,401.79	-$132,572.54
Collections	$ 77,662.73	Collections	$ 277,656.46	-$199,993.73
Support	$ 236,643.19	Support	$ 719,637.83	-$482,994.64
Engineering	$ 45,647.15	Engineering	$ 167,172.24	-$121,525.09





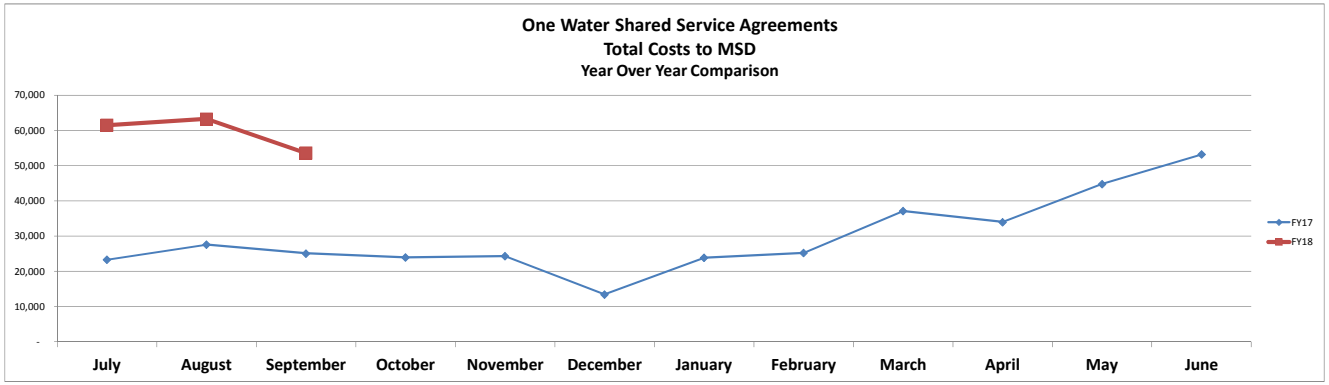
Total Overtime vs. Total Salary for Fiscal Year 2018													
	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	YTD 2017
Total Overtime	$ 232,823.89	$ 245,316.18	$ 354,392.11	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 832,532.18
Total Salary	$ 3,323,189.84	$ 3,882,744.79	$ 4,358,238.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 11,564,172.63
Overtime % of Total Salary	**7.01%**	**6.32%**	**8.13%**										**7.20%**

*August and September Adjusted for Vacation Accrual

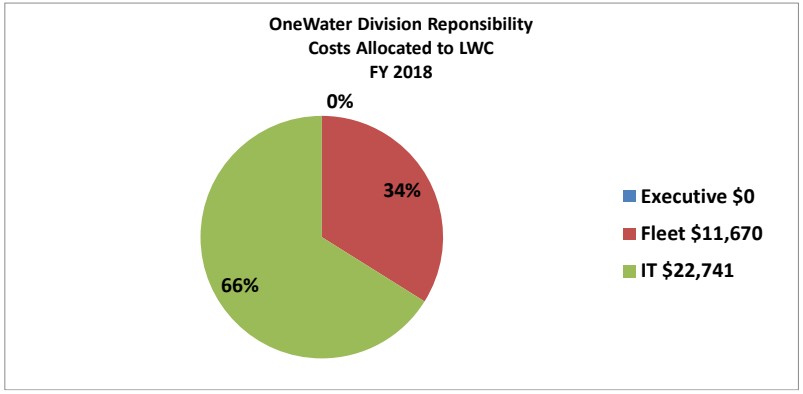
Prepared by Latoya English 10/16/2017

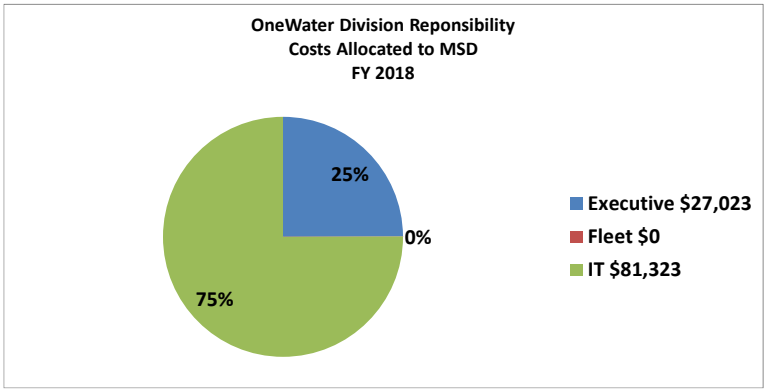
One Water Shared Service Agreements

(This schedule only shows MSD related costs from Shared Services and does not reflect overall OneWater benefits/savings. Increasing the number of Shared Services Agreements will result in increasing OneWater benefits/savings.)



OneWater Costs to MSD Year Over Year													
Fiscal Year	July	August	September	October	November	December	January	February	March	April	May	June	TOTAL
Fiscal Year 17	23,298	27,573	25,049	23,908	24,278	13,412	23,819	25,184	37,092	33,964	44,774	53,162	355,511
Fiscal Year 18	61,445	63,193	53,558										178,196





OneWater Costs Allocated to MSD by Employee														
LWC OneWater Employees	MSD%	LWC%	July	August	September	October	November	December	January	February	March	April	May	June	TOTAL
Project Liaison Director	50%	50%	8,731	9,562	8,731										27,023
CIO	50%	50%	10,810	11,839	10,810										33,459
IT Director	29%	71%	4,576	5,162	4,713										14,451
IT Security Administrator	50%	50%	5,278	5,780	5,278										16,336
IT System Administrator	50%	50%	5,517	6,043	5,517										17,077
			34,912	38,386	35,048										108,346

OneWater Costs Allocated to LWC by Employee														
MSD OneWater Employees	MSD%	LWC%	July	August	September	October	November	December	January	February	March	April	May	June	TOTAL
Fleet Services Manager	68%	32%	3,834	3,918	3,918										11,670
IT Project Manager	58%	42%	6,098	3,858	-										9,956
IT Applications Manager	71%	29%	4,070	4,556	4,160										12,786
			14,002	12,331	8,078										34,411

Prepared by: Michael Fitzner

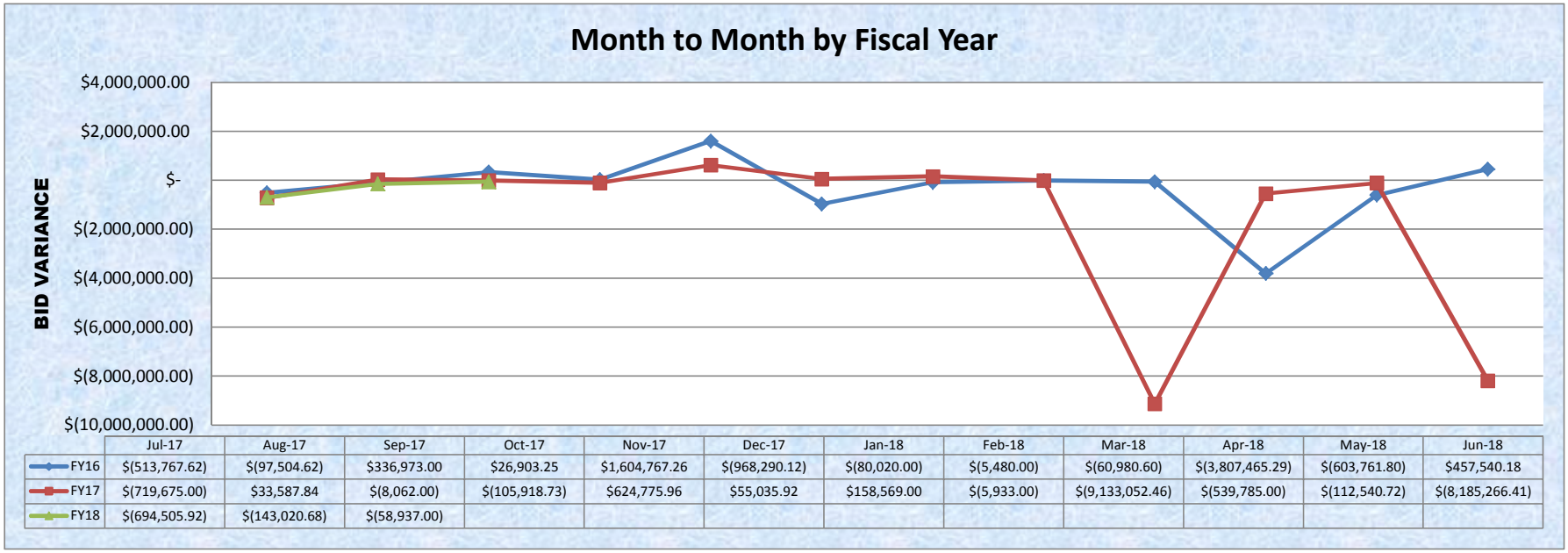
MSD's Construction Variance - FY16 Through FY18

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
TOTAL FY16	**$ (3,711,086.36)**

FY 17 Variance by Month	
Mth	FY17
Jul-16	$ (719,675.00)
Aug-16	$ 33,587.84
Sep-16	$ (8,062.00)
Oct-16	$ (105,918.73)
Nov-16	$ 624,775.96
Dec-16	$ 55,035.92
Jan-17	$ 158,569.00
Feb-17	$ (5,933.00)
Mar-17	$ (9,133,052.46)
Apr-17	$ (539,785.00)
May-17	$ (112,540.72)
Jun-17	$ (8,185,266.41)
TOTAL FY17	**$ (17,938,264.60)**

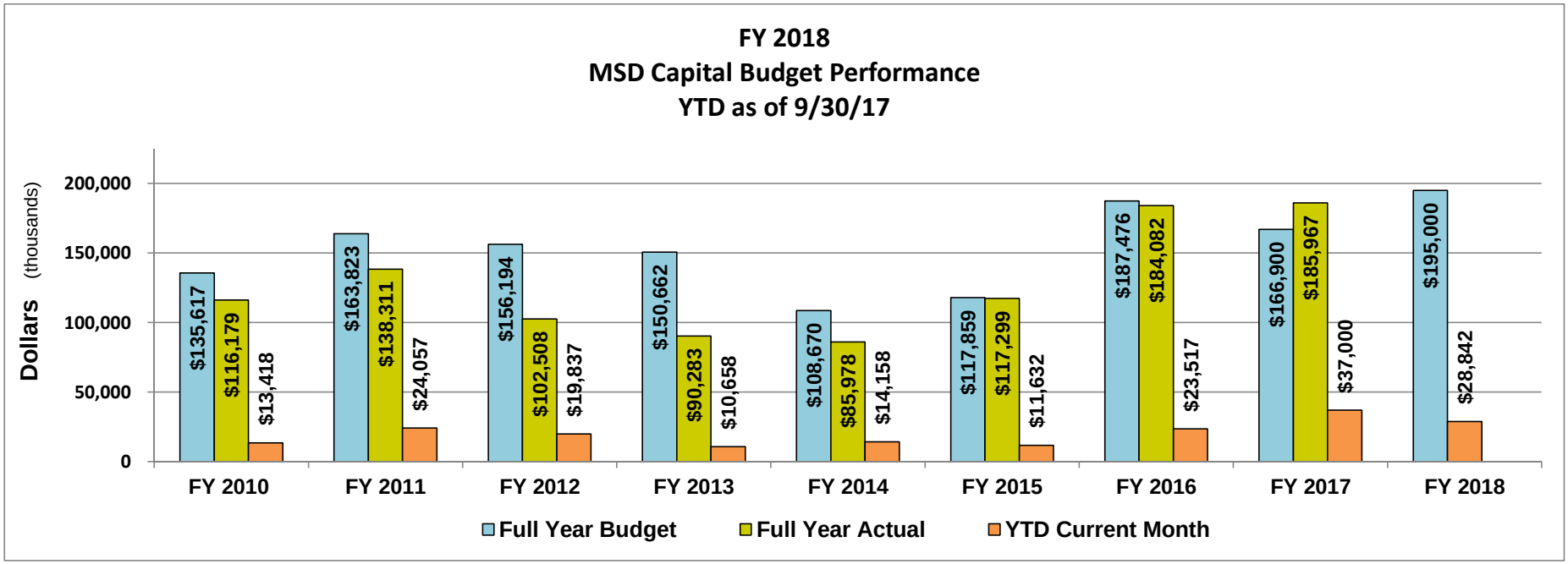
FY 18 Variance by Month	
Mth	FY18
Jul-17	$ (694,505.92)
Aug-17	$ (143,020.68)
Sep-17	$ (58,937.00)
Oct-17	
Nov-17	
Dec-17	
Jan-18	
Feb-18	
Mar-18	
Apr-18	
May-18	
Jun-18	
TOTAL FY18	**$ (896,463.60)**

	FY 16 Over/Under Total Variance	FY 17 Over/Under Total Variance	FY 18 Over/Under Total Variance
# OVER	31	23	4
$ OVER	$ 5,938,849.72	$ 1,239,809.49	$ 66,621.00
%	16.49%	22.05%	17.41%
# UNDER	45	44	15
$ UNDER	$ (9,649,936.08)	$ (19,178,074.09)	$ (963,084.60)
%	-19.25%	-32.57%	-34.04%
Total YTD	**$ (3,711,086.36)**	**$ (17,938,264.60)**	**$ (896,463.60)**

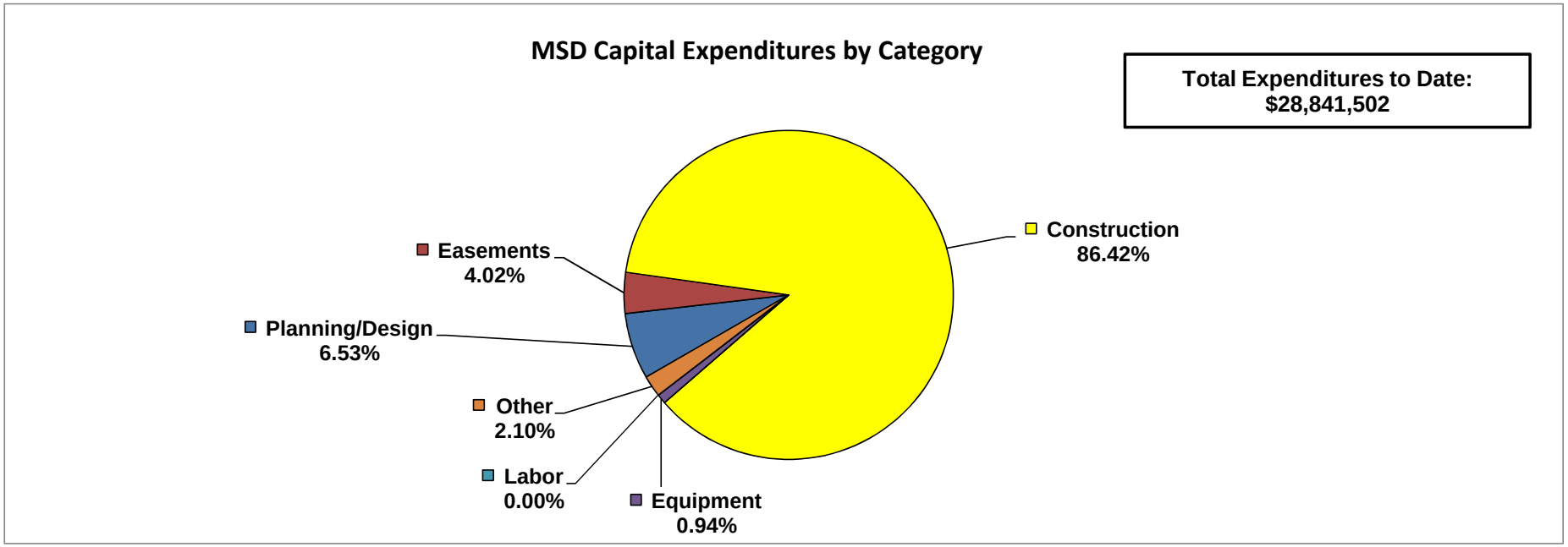


	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
FY16	$(513,767.62)	$(97,504.62)	$336,973.00	$26,903.25	$1,604,767.26	$(968,290.12)	$(80,020.00)	$(5,480.00)	$(60,980.60)	$(3,807,465.29)	$(603,761.80)	$457,540.18
FY17	$(719,675.00)	$33,587.84	$(8,062.00)	$(105,918.73)	$624,775.96	$55,035.92	$158,569.00	$(5,933.00)	$(9,133,052.46)	$(539,785.00)	$(112,540.72)	$(8,185,266.41)
FY18	$(694,505.92)	$(143,020.68)	$(58,937.00)									

Total variance reflects the difference of Estimate Cost vs. Board Approval by month for Construction services.



Prepared by: Patrick Meador



Prepared by: Patrick Meador

Capital Expenditures
FY 2018

"Effectively manage the FY2018 Capital Program to assure projects are completed on time and within budget."

		ACTUALS											
Year to Date Totals	**Budget**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**
FY11 YTD Total	163,822,500	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	156,193,500	12,013,202	10,264,823	19,837,145	30,303,709	38,307,940	47,269,999	57,000,249	65,618,465	70,335,835	78,096,420	85,409,667	102,508,269
FY13 YTD Total	150,661,500	6,689,211	6,471,367	10,658,314	22,862,055	30,238,249	38,543,925	45,964,426	53,351,679	58,217,541	63,726,904	70,740,663	90,283,467
FY14 YTD Total	108,669,797	9,048,107	8,106,866	14,158,444	24,827,164	30,545,485	37,501,927	46,587,639	53,259,836	58,635,402	63,367,536	72,427,292	85,978,375
FY15 YTD Total	117,859,314	5,346,882	12,716,942	11,632,363	23,038,258	29,921,263	38,987,761	46,300,430	55,051,591	61,767,963	70,840,562	81,639,090	117,298,703
FY16 YTD Total	187,476,359	3,902,562	12,006,650	23,516,883	42,996,039	53,570,102	67,680,306	81,097,201	99,775,576	109,876,994	129,380,285	147,305,210	184,082,207
FY17 YTD Total	166,900,000	1,751,638	18,290,275	36,999,653	55,686,985	71,983,984	84,522,539	96,472,408	116,258,566	135,683,546	144,505,484	160,716,190	185,966,874
FY18 YTD Total	195,000,000	(936,812)	11,130,733	28,841,502									
5 Year Average by Month		5.11%	3.65%	5.41%	11.26%	7.04%	7.89%	7.75%	8.84%	6.66%	6.94%	9.19%	20.27%
YTD		5.11%	8.76%	14.17%	25.43%	32.47%	40.35%	48.10%	56.94%	63.60%	70.53%	79.73%	100.00%
FY17 Budget Comparative on 5 Year Average		8,529,620	14,619,093	23,653,317	42,439,602	54,188,175	67,349,044	80,278,828	95,029,302	106,145,004	117,721,013	133,064,563	166,900,000
FY17 YTD Total		1,751,638	18,290,275	36,999,653	55,686,985	71,983,984	84,522,539	96,472,408	116,258,566	135,683,546	144,505,484	160,716,190	185,966,874
Variance of Actual to 5 Year Average		(6,777,983)	3,671,182	13,346,336	13,247,383	17,795,809	17,173,495	16,193,580	21,229,264	29,538,542	26,784,471	27,651,627	19,066,874
FY17 Actual versus Budget Results		**20.54%**	**125.11%**	**156.42%**	**131.21%**	**132.84%**	**125.50%**	**120.17%**	**122.34%**	**127.83%**	**122.75%**	**120.78%**	**111.42%**
FY18 Budget Comparative (Project Central)		8,543,011	17,533,459	35,539,747	53,645,444	71,757,475	89,904,755	108,113,506	126,946,836	145,779,998	164,592,547	180,857,411	195,000,000
FY17 YTD Total		(936,812)	11,130,733	28,841,502									
Variance of Actual to Budget		(9,479,823)	(6,402,726)	(6,698,245)									
FY18 Actual versus Budget Results		**-10.97%**	**63.48%**	**81.15%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**

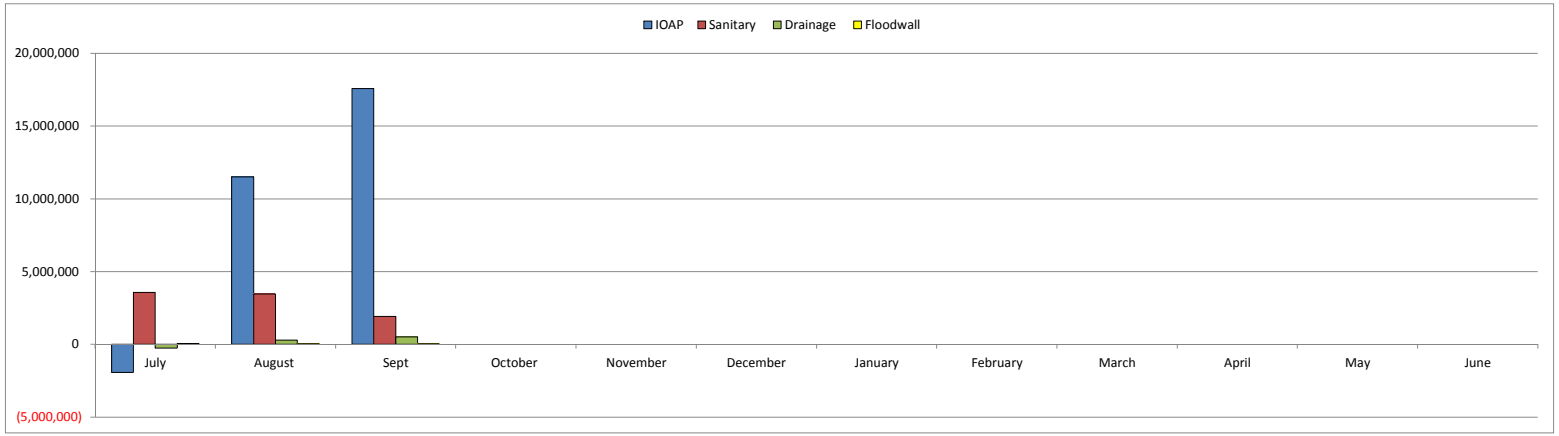
Budget Results (excludes Eng. Estimate)			
	Budget *	**Actual ***	**Percentage**
FY13	150,661,500	90,283,467	59.92%
FY14	108,669,797	85,978,375	79.12%
FY15	117,859,314	117,298,703	99.52%
FY16	187,476,359	184,082,207	98.19%
FY17	166,900,000	185,966,874	111.42%
AVERAGE		132,721,925	**89.64%**
*** Does not include Force Account amounts.**			

Prepared by: Patrick Meador

MSD MONTHLY CAPITAL SPENDING BY TYPE

(Includes Capitalized Overhead)

As of 9/30/17



2018	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	(1,922,423)	11,519,215	17,575,296	0	0	0	0	0	0	0	0	0	27,172,089	74%
Sanitary	3,562,740	3,464,669	1,916,694	0	0	0	0	0	0	0	0	0	8,944,103	24%
Drainage	(262,829)	303,270	503,986	0	0	0	0	0	0	0	0	0	544,427	1%
Floodwall	54,041	30,359	3,408	0	0	0	0	0	0	0	0	0	87,808	0%
Total	1,431,528	15,317,514	19,999,385	0	0	0	0	0	0	0	0	0	36,748,427	100%

2017	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	3,667,712	12,017,913	13,728,353	11,757,608	13,831,683	9,755,033	10,149,678	17,072,546	12,851,433	7,197,790	14,362,700	21,274,190	147,666,639	68%
Sanitary	(10,704)	7,275,603	5,542,202	8,389,495	4,630,529	5,026,664	3,629,336	4,936,304	8,138,701	3,631,109	3,848,758	5,710,732	60,748,729	28%
Drainage	259,461	617,136	787,398	877,100	418,046	499,187	351,909	372,729	314,807	378,908	484,146	697,520	6,058,347	3%
Floodwall	13,536	9,000	220,333	108,090	47,253	13,066	28,688	716,207	217,167	99,921	548,432	361,459	2,383,151	1%
Total	3,930,005	19,919,652	20,278,286	21,132,293	18,927,512	15,293,950	14,159,611	23,097,787	21,522,108	11,307,728	19,244,035	28,043,900	216,856,866	100%

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

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

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

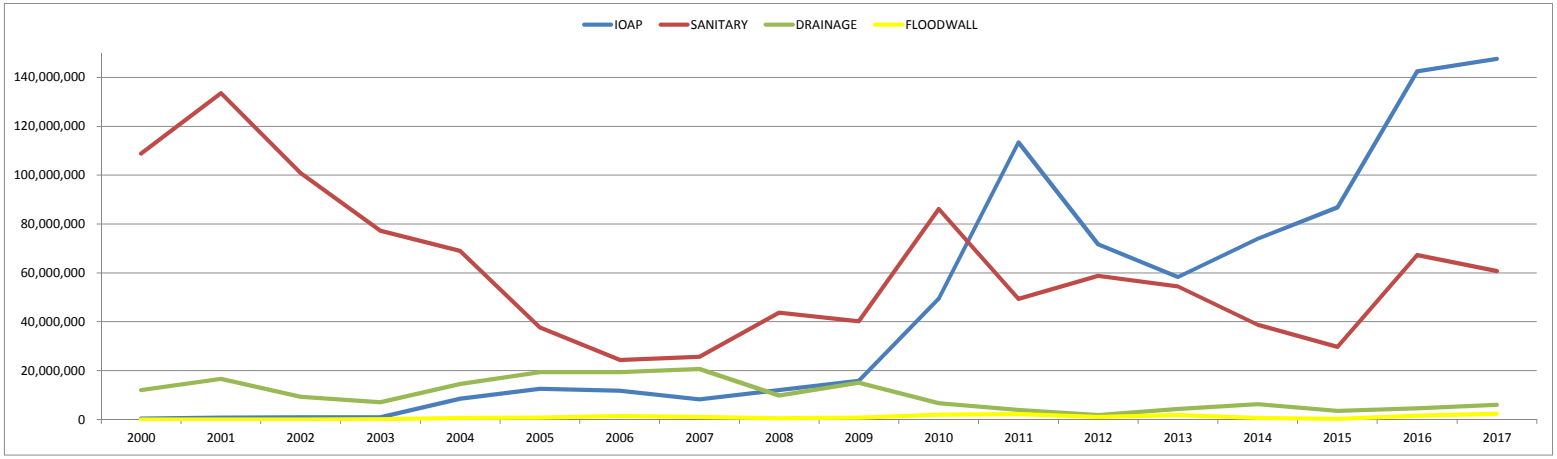
IOAP: Integrated Overflow Abatement Plan

Prepared by: Patrick Meador

MSD ANNUAL CAPITAL SPENDING BY TYPE

(Includes Capitalized Overhead)

Years 2000 through 2017



2018	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	(1,922,423)	9,596,792	27,172,089	0	0	0	0	0	0	0	0	0	27,172,089	74%
Sanitary	3,562,740	7,027,409	8,944,103	0	0	0	0	0	0	0	0	0	8,944,103	24%
Drainage	(262,829)	40,441	544,427	0	0	0	0	0	0	0	0	0	544,427	1%
Floodwall	54,041	84,399	87,808	0	0	0	0	0	0	0	0	0	87,808	0%
Total	1,431,528	16,749,042	36,748,427	0	0	0	0	0	0	0	0	0	36,748,427	100%

2017	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
IOAP	3,667,712	15,685,625	29,413,979	41,171,587	55,003,270	64,758,302	74,907,980	91,980,527	104,831,960	112,029,749	126,392,449	147,666,639	147,666,639	68%
Sanitary	(10,704)	7,264,899	12,807,101	21,196,596	25,827,125	30,853,789	34,483,125	39,419,429	47,558,131	51,189,240	55,037,998	60,748,729	60,748,729	28%
Drainage	259,461	876,597	1,663,995	2,541,095	2,959,141	3,458,328	3,810,237	4,182,966	4,497,773	4,876,681	5,360,827	6,058,347	6,058,347	3%
Floodwall	13,536	22,536	242,869	350,959	398,212	411,278	439,966	1,156,173	1,373,340	1,473,261	2,021,692	2,383,151	2,383,151	1%
Total	3,930,005	23,849,657	44,127,943	65,260,236	84,187,748	99,481,698	113,641,309	136,739,095	158,261,203	169,568,931	188,812,966	216,856,866	216,856,866	100%

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

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

IOAP: Integrated Overflow Abatement Plan

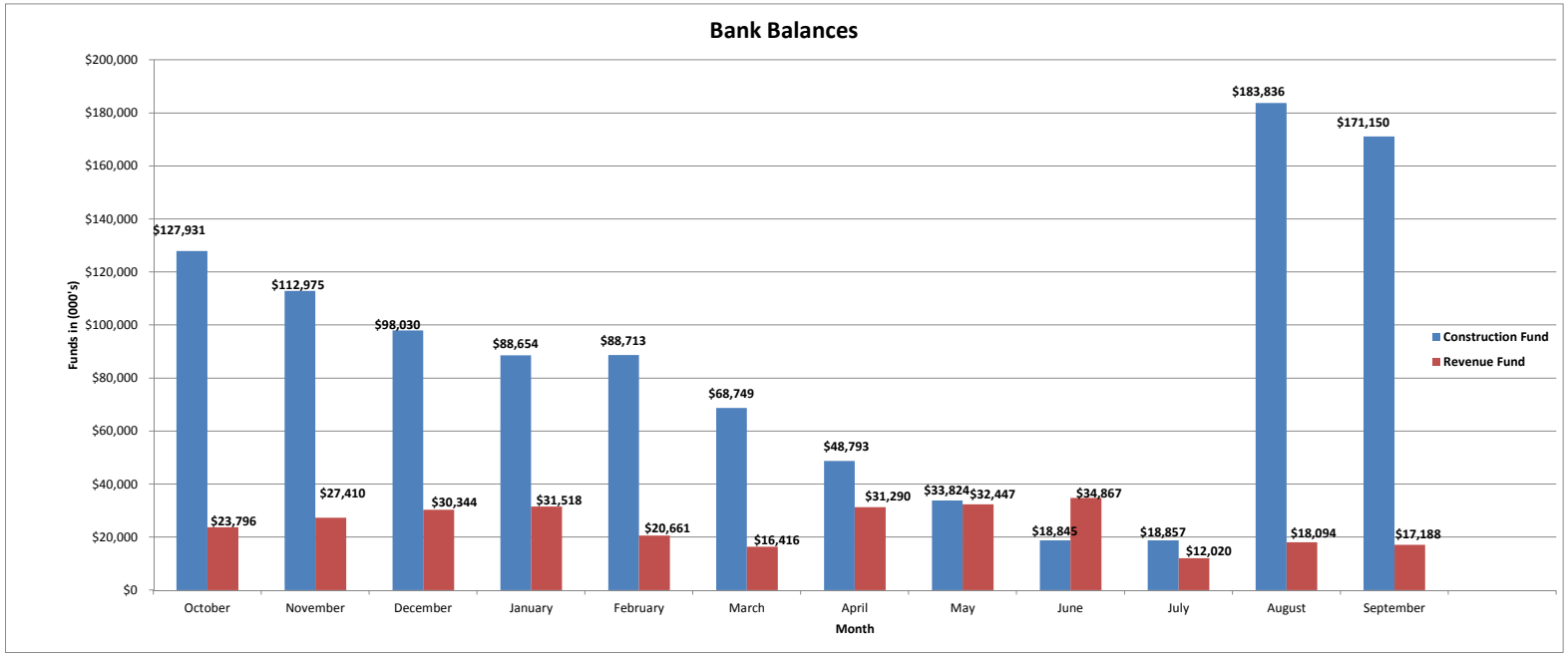
Prepared by: Patrick Meador

MSD CASH FLOW SUMMARY
(000's)

SAP CASH ACTIVITY

12 Month Rolling Average October 2016-September 2017

	October	November	December	January	February	March	April	May	June	July	August	September
Revenue Total	$ 24,719	$ 26,822	$ 26,731	$ 21,130	$ 24,716	$ 23,898	$ 25,297	$ 21,577	$ 25,531	$ 21,373	$ 25,688	$ 27,992
Operating Expense	(12,067)	(9,717)	(12,453)	(10,682)	(11,322)	(11,813)	(9,401)	(10,614)	(12,739)	(11,700)	(11,026)	(13,602)
Debt Service	(11,910)	(11,887)	(11,600)	(11,847)	(11,695)	(11,689)	(11,693)	(11,666)	(11,666)	(11,658)	(11,632)	(12,148)
Funds Available	**$ 742**	**$ 5,219**	**$ 2,678**	**$ (1,399)**	**$ 1,700**	**$ 395**	**$ 4,202**	**$ (703)**	**$ 1,126**	**$ (1,985)**	**$ 3,030**	**$ 2,242**
Transfers In	20,184	15,000	15,000	15,000	0	20,000	20,000	15,000	17,000	7	18,000	12,867
Capital Payments	(17,019)	(12,720)	(18,058)	(9,696)	(17,413)	(19,375)	(9,347)	(13,800)	(17,286)	(10,563)	(16,898)	(13,523)
Net Change	**$ 3,907**	**$ 7,498**	**$ (380)**	**$ 3,905**	**$ (15,713)**	**$ 1,020**	**$ 14,855**	**$ 497**	**$ 840**	**$ (12,542)**	**$ 4,132**	**$ 1,587**



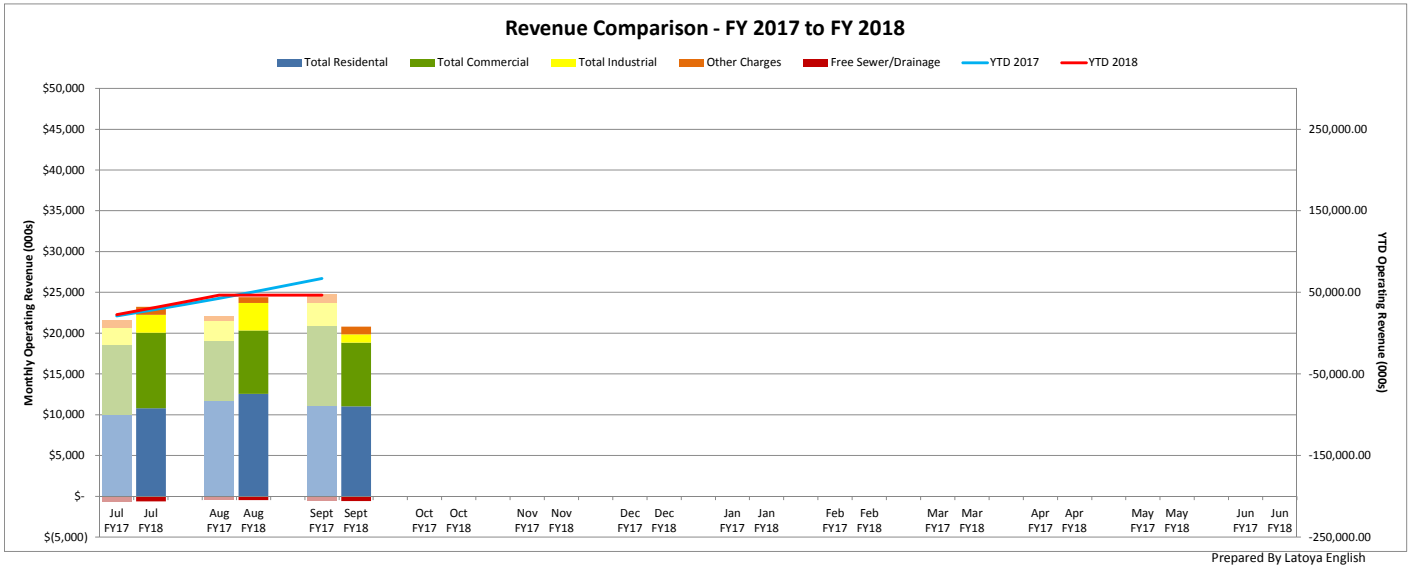
Prepared By Latoya English

MSD's Operating Revenue

FY 2018

in 000's

Residental		Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	YTD Totals	%
Sewer															
	Service Charge	$ 2,960	$ 3,390	$ 2,995	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 9,345	27.19%
	Volume Charges	3,732	4,261	3,764	-	-	-	-	-	-	-	-	-	11,758	34.22%
	Quality Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00%
	Meter Reading Charge	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00%
	Consent Decree Charge	2,455	2,845	2,557	-	-	-	-	-	-	-	-	-	7,857	22.87%
	Senior Citizen Discount	(60)	(88)	(59)	-	-	-	-	-	-	-	-	-	(207)	-0.60%
Drainage															
	Drainage Fees	1,698	2,136	1,776	-	-	-	-	-	-	-	-	-	5,611	16.33%
Total Residental		**$ 10,786**	**$ 12,544**	**$ 11,034**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 34,364**	**100.00%**
Commercial															
Sewer															
	Service Charge	$ 790	$ 595	$ 814	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,199	8.31%
	Volume Charges	4,063	3,198	4,192	-	-	-	-	-	-	-	-	-	11,453	43.29%
	Quality Charges	100	69	99	-	-	-	-	-	-	-	-	-	268	1.01%
	Meter Reading Charge	13	14	15	-	-	-	-	-	-	-	-	-	42	0.16%
	Consent Decree Charge	1,365	1,065	1,404	-	-	-	-	-	-	-	-	-	3,834	14.49%
Drainage															
	Drainage Fees	2,928	2,843	2,887	-	-	-	-	-	-	-	-	-	8,658	32.73%
Total Commercial		**$ 9,259**	**$ 7,784**	**$ 9,411**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 26,454**	**100.00%**
Industrial															
Sewer															
	Service Charge	$ 63	$ 55	$ 63	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 182	2.74%
	Volume Charges	766	1,057	606	-	-	-	-	-	-	-	-	-	2,429	36.65%
	Quality Charges	793	1,653	(184)	-	-	-	-	-	-	-	-	-	2,261	34.11%
	Meter Reading Charge	10	9	8	-	-	-	-	-	-	-	-	-	27	0.40%
	Consent Decree Charge	241	330	190	-	-	-	-	-	-	-	-	-	760	11.47%
Drainage															
	Drainage Fees	325	284	361	-	-	-	-	-	-	-	-	-	970	14.63%
Total Industrial		**$ 2,198**	**$ 3,388**	**$ 1,043**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 6,629**	**100.00%**
Other Charges															
		$ 974	$ 692	$ 932	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,599	
Free Charges															
Free Sewer		$ (626)	$ (463)	$ (579)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,668)	
Free Drainage														$ -	
Total Sewer		**$ 17,639**	**$ 18,682**	**$ 16,818**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 53,139**	**77.71%**
Total Drainage		**4,951**	**5,263**	**5,024**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**15,239**	**22.29%**
Total Service Charges		**$ 22,590**	**$ 23,945**	**$ 21,842**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 68,378**	**100.00%**



Prepared By Latoya English 10/13/2017

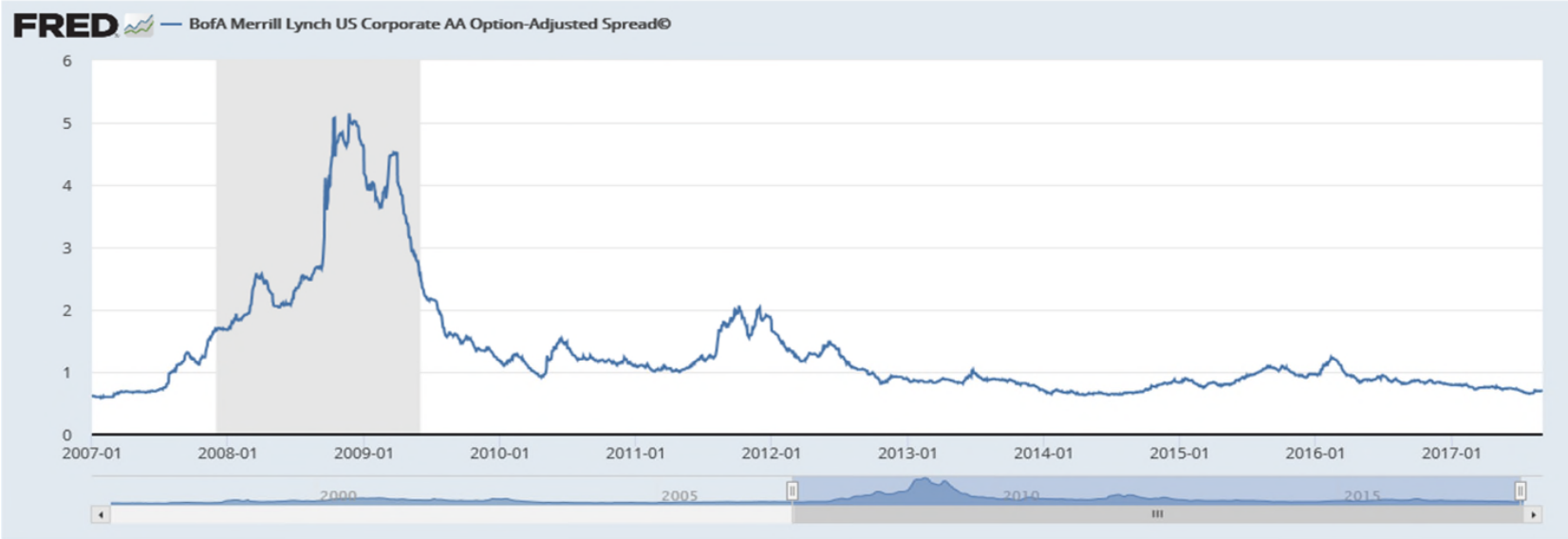
Louisville and Jefferson County
Metropolitan Sewer District
Wastewater Customer Count

Sept-17

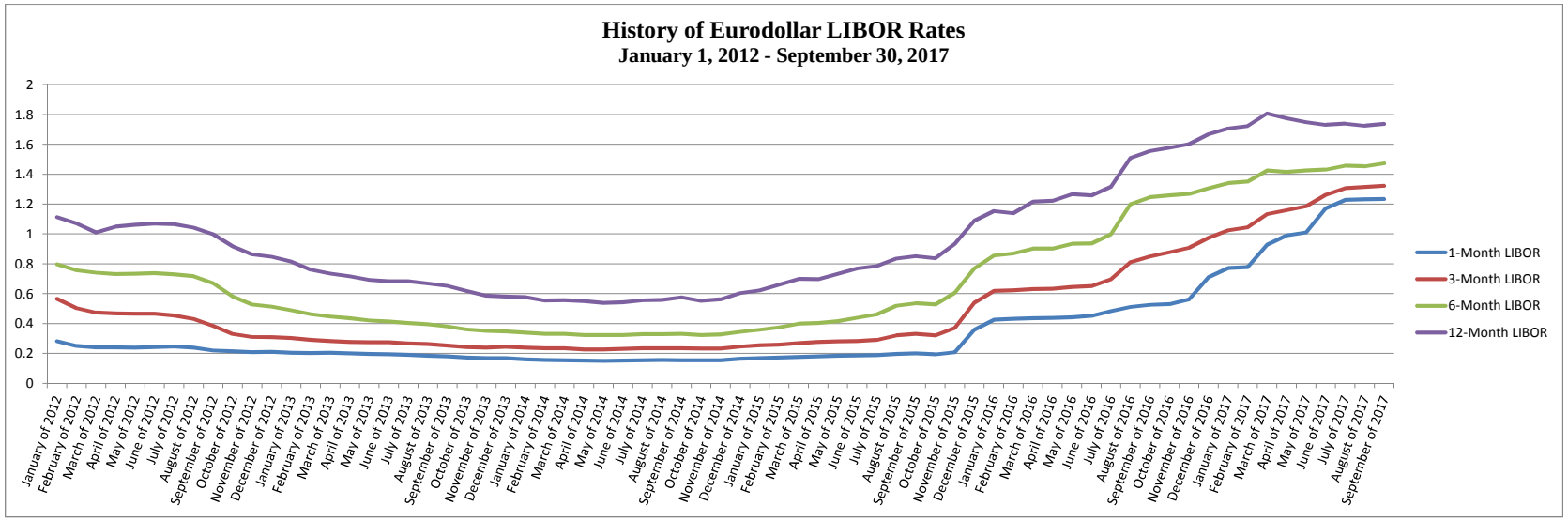
Plant Code	Service Area		Residential Customers		Commercial Customers		Industrial Customers		Metro Customers		Multi Customers		Total Customers	
			Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives
140	Derek Guthrie	LWC	62,786	3,064	3,682	362	27	3	25	1	4	2	66,524	3,432
151	Morris Forman - City	LWC	68,124	11,185	8,801	1,700	243	74	238	10	2	24	77,408	12,993
152	Morris Forman - County	LWC	50,683	1,242	4,655	510	52	5	33	0	1	20	55,424	1,777
153	Hite Creek	LWC	10,069	225	641	31	9	0	0	0	1	0	10,720	256
235	Glen Oaks - Sec. 5 Only (Hite Creek)	LWC	267	0	1	0	0	0	0	0	0	0	268	0
237	Cedar Creek	LWC	17,431	266	1,077	52	10	0	3	0	6	0	18,527	318
244	Moser Farm (Hite Creek)	LWC	166	0	0	0	0	0	0	0	0	0	166	0
294	Floyds Fork	LWC	8,732	96	478	17	2	0	3	0	2	0	9,217	113
	Sub-Total		218,258	16,078	19,335	2,672	343	82	302	11	16	46	238,254	18,889
	Grand Total		234,336		22,007		425		313		62		**257,143**	

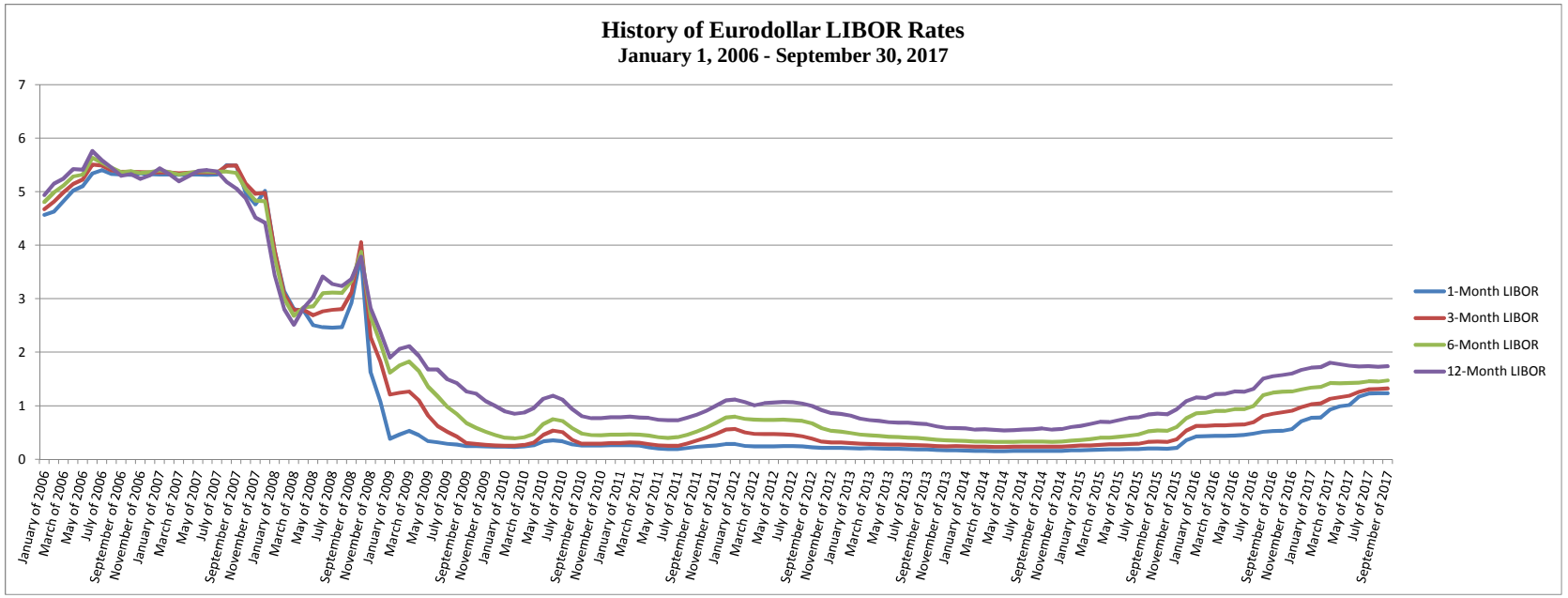
Submitted by: Adonis Henderson
Date: 10/2/2017

FRED
BofA Merrill Lynch US Corporate AA Option-Adjusted Spread©
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
2016-01
2016-03
2016-05
2016-07
2016-09
2016-11
2017-01
2017-03
2017-05
2017-07
2017-09
2000
2005
2010
2015


FRED
BofA Merrill Lynch US Corporate AA Option-Adjusted Spread©
6
5
4
3
2
1
0
2007-01
2008-01
2009-01
2010-01
2011-01
2012-01
2013-01
2014-01
2015-01
2016-01
2017-01
2000
2005
2010
2015

Market Rates





Kentucky Municipal Market Update

October 2017

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

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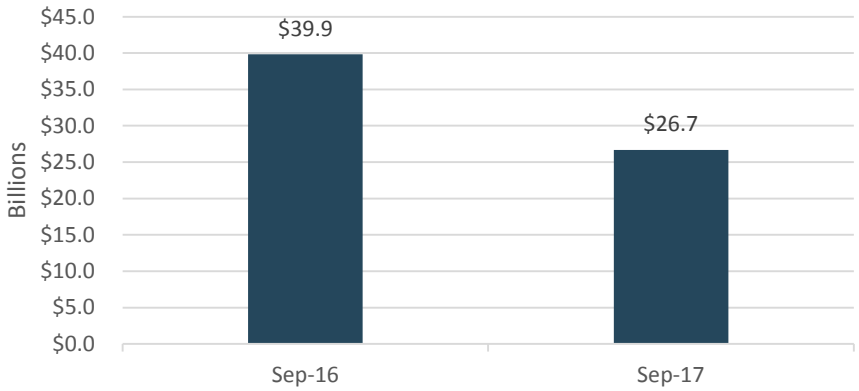
Market Overview

National municipal issuance of $26.7 billion in September is down 33% from the same month last year. This is consistent with 2017's well below average issuance.

According to Blackrock, investors are beginning to "shed some of their fixed income holdings in favor of riskier assets as hurricane damages turned out to be less severe than forecasted." Puerto Rican bonds experienced an even further sell off due to its already fiscally troubled state that is now paired with hurricane damages.

Republican leaders have announced their vision of tax reform. The two-part reform focuses on lowering/eliminating taxes while also eliminating tax breaks. While the reform does not specifically mention the tax exemption status of municipal bonds, Blackrock states there have been no indications of reduced support. While the current administration is attempting to limit deductions, municipal bonds would remain as one of an ever-decreasing arena of tax shelters. However, it is important to note, their value to corporations will be lessened if the corporate tax rate is reduced.

September 2016 and 2017 Volume Comparison



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

MSD Investments by Category
September 30, 2017

Total Cash & Investments by Category	Yield	Market Value	Face Value	Cost Value	Accrued Interest	Market Gain/Loss
Cash		17,233,750	17,233,750	17,233,750	-	-
FED HOME LN MTG CORP DEB		27,884,161	27,978,000	27,409,652	6,164	474,508
Municipal Obligations	4.3 - 4.7%	81,070,585	84,925,000	77,994,778	1,306,800	2,999,449
Asset Backed Commpercial Paper	1.36%	24,952,778	25,000,000	24,915,625		
Commercial Paper	0.79%	74,777,982	75,000,000	74,689,625	-	-
Fed Gov Oblig Fund (money mkt)	.00 - .01%	78,755,320	75,543,789	75,543,789	-	(629)
Dreyfus Cash Mgmt (money mkt)	.00 - .01%	20,677,754	21,479,589	21,479,589	-	60,949
Investco Gov Agency (money mkt)	0.01%	10,304,755	10,304,755	10,304,755		-
FED HOME LOAN BANK DISC NOTE		19,967,800	20,000,000	19,945,011		22,788
FED NATL MTGE ASSN DISC NOTE		-	-	-	-	-
FANNIE MAE DISC NOTE		19,958,400	20,000,000	19,938,400	-	20,000
FREDDIE MAC DISC. NOTE		24,869,000	25,000,000	24,842,042	-	26,958
Certificate of Deposit	1.75%	100,000	100,000	100,000	-	-
		$ 400,552,285	**$ 402,564,883**	**$ 394,397,017**	**$ 1,312,964**	**$ 3,604,023**

Total earnings on investments FYTD 2018	**$ 3,678,110.23**

Prepared by : Latoya English
10/13/2017

MSD's Muni Bond Investments September
FY 2018

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	$ 5,530,450.00	$ 5,000,000.00	$ 5,087,981.25	Aa2	4.63%	5.125%	4.39%	14.0
BAY AREA TOLL AUTH CALIF TOLL	4/1/2034	$ 3,060,690.00	$ 3,000,000.00	$ 3,060,416.67	Aa3	4.90%	5.00%	4.82%	2.8
BEAVERCREEK OHIO CITY SCH DIST	12/1/2036	$ 1,342,152.00	$ 1,260,000.00	$ 1,232,343.00	Aa1	4.69%	5.00%	4.49%	12.5
CHICAGO ILL	1/1/2039	$ 5,161,857.60	$ 5,220,322.23	$ 5,160,000.00	Ba1	5.00%	5.00%	5.00%	13.1
HARRIS CNTY TEX FLOOD CTL DIST	10/1/2039	$ 5,496,650.00	$ 5,000,000.00	$ 5,094,694.44		4.55%	5.00%	4.30%	14.0
JEA FLA WTR & SWR SYS REV	10/1/2039	$ 1,035,802.55	$ 955,000.00	$ 960,172.92	Aa2	4.61%	5.00%	4.40%	13.9
JEA FLA WTR & SWR SYS REV	10/1/2039	$ 986,995.10	$ 910,000.00	$ 914,929.17	Aa2	4.61%	5.00%	4.40%	13.9
KING CNTY WASH SWR REV	1/1/2039	$ 5,161,857.60	$ 5,160,000.00	$ 5,220,322.23	Aa2	5.00%	5.00%	5.00%	13.1
LAS VEGAS VALLEY NEV WTR DIST	2/1/2037	$ 3,039,930.00	$ 3,000,000.00	$ 2,988,573.33	Aa1	4.93%	5.00%	4.89%	12.5
LOS ANGELES CALIF DEPT ARPTS	5/15/2040	$ 5,458,100.00	$ 5,000,000.00	$ 4,791,850.00	Aa3	4.58%	5.00%	4.36%	13.9
LOS ANGELES CALIF DEPT POWER	7/1/2038	$ 6,188,580.00	$ 6,000,000.00	$ 6,199,120.00	Aa2	5.09%	5.25%	5.00%	12.8
LOUISIANA ST GAS & FUELS TAX	5/1/2040	$ 5,494,200.00	$ 5,000,000.00	$ 5,029,861.11	Aa3	4.55%	5.00%	4.31%	13.9
METROPOLITAN ATLANTA RAPID	7/1/2039	$ 5,341,350.00	$ 5,000,000.00	$ 5,076,883.33	Aa2	4.68%	5.00%	4.50%	13.6
NEW YORK N Y CITY MUN WTR FIN	12/1/2021	$ 5,659,416.00	$ 5,600,000.00	$ 5,650,792.00	Aa2	2.37%	2.40%	2.13%	3.9
NEW YORK N Y CITY MUN WTR FIN	6/15/2039	$ 2,123,640.00	$ 2,000,000.00	$ 1,975,480.00	Aa2	4.71%	5.00%	4.55%	13.5
PALM BEACH CNTY FLA PUB IMPT	5/1/2038	$ 3,069,810.00	$ 3,000,000.00	$ 3,047,916.67	Aa1	4.89%	5.00%	4.82%	12.9
SALT RIVER PROJ ARIZ AGRIC	1/1/2038	$ 2,019,900.00	$ 2,000,000.00	$ 2,030,331.11	Aa1	4.95%	5.00%	4.92%	12.8
SALT RIVER PROJ ARIZ AGRIC	1/1/2038	$ 5,049,750.00	$ 5,000,000.00	$ 5,008,650.00	Aa1	4.95%	5.00%	4.92%	12.8
TEXAS ST	4/1/2037	$ 437,955.00	$ 430,000.00	$ 431,817.09		4.66%	4.75%	4.60%	13.0
TEXAS ST	4/1/2037	$ 4,656,830.00	$ 4,570,000.00	$ 4,589,311.91	Aaa	4.66%	4.75%	4.60%	13.0
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2037	$ 820,272.00	$ 800,000.00	$ 794,403.56	Aa3	4.88%	5.00%	4.80%	12.7
TRIBOROUGH BRDG & TUNL AUTH N	6/15/2039	$ 1,794,345.00	$ 1,750,000.00	$ 1,748,541.67	Aa2	4.88%	5.00%	4.81%	13.4
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2038	$ 4,703,985.00	$ 4,500,000.00	$ 4,538,820.00		4.68%	5.00%	4.66%	13.2
TRIBOROUGH BRDG & TUNL AUTH N	11/15/2038	$ 2,597,925.00	$ 2,500,000.00	$ 2,521,556.67	Aa3	4.72%	5.00%	4.70%	13.2
Totals:		**$ 83,634,517.85**	**$ 80,155,322.23**	**$ 80,633,211.46**					
Average Years to Maturity:	**20.12**								

Unrealized Gain in Total (Market Value - Cost)
$3,001,306.39

Total Weighted Average Yield to Maturity
4.48594%

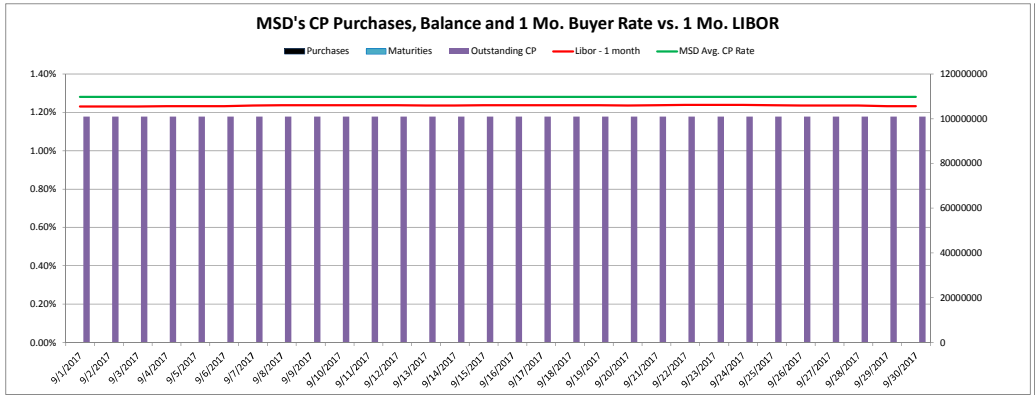
Total Weighted Average Duration
12.32576

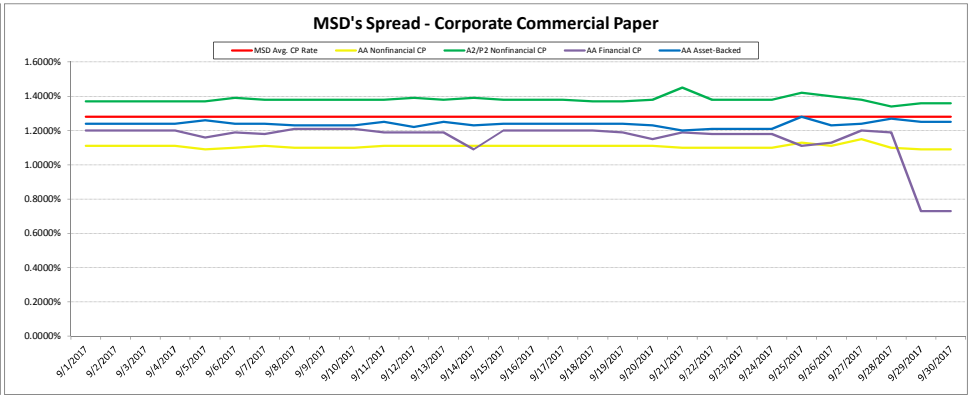
Total Weighted Average Coupon Rates
4.85340%

Total Weighted Average Market Yield
4.62127%

Prepared By Latoya English 10/13/2017

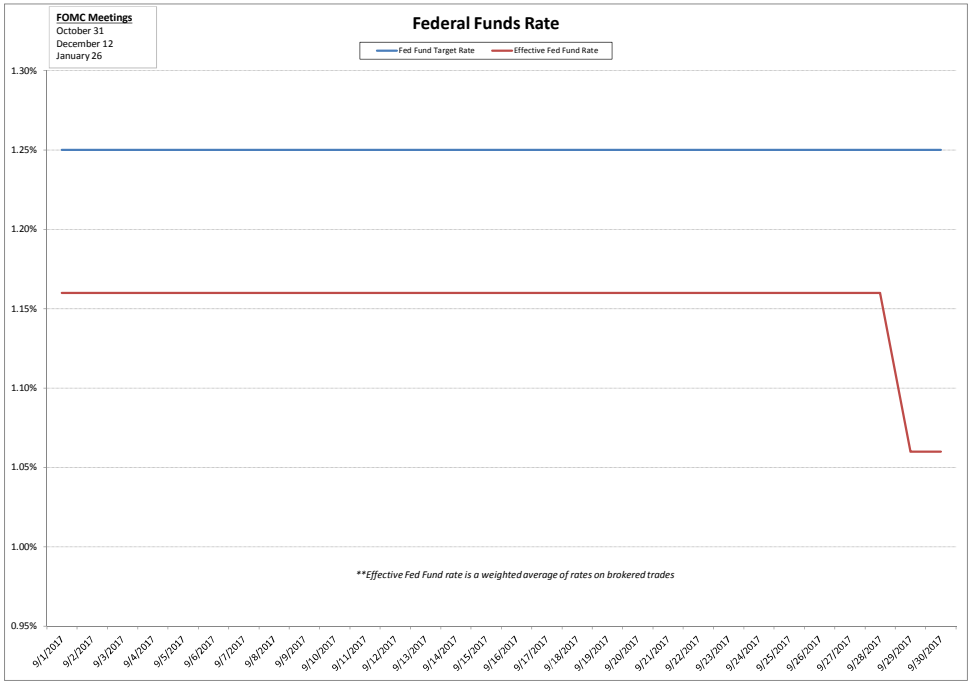
MSD's Commercial Paper





Outstanding as of 9/30/17				
Company	Maturity Date	Purchase Amount	Maturity Amount	Rate[1]
Natixis NY	10/12/2017	$ 19,968,611.00	$ 20,194,655.68	1.132%
Bank of Tokyo	11/13/2017	$ 14,958,317.00	$ 15,141,257.22	1.223%
Institutional SF	11/21/2017	$ 24,915,625.00	$ 25,253,231.72	1.355%
Credit AGRI	1/12/2018	$ 14,924,267.00	$ 15,116,342.32	1.287%
Abby National	2/12/2018	$ 14,903,408.00	$ 15,104,454.97	1.349%
Credit Suisse	2/12/2018	$ 9,935,022.00	$ 10,071,032.45	1.369%
Total:		**$ 99,605,250.00**	**$ 100,880,974.35**	**1.2808%**

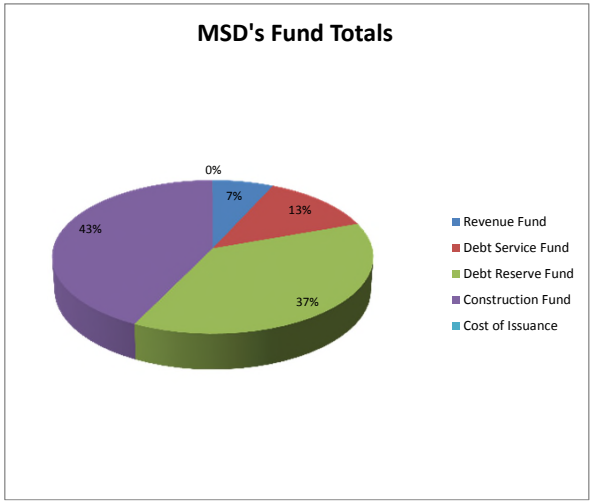
[1] Total rate shown is MSD's weighted average CP rate at month's end



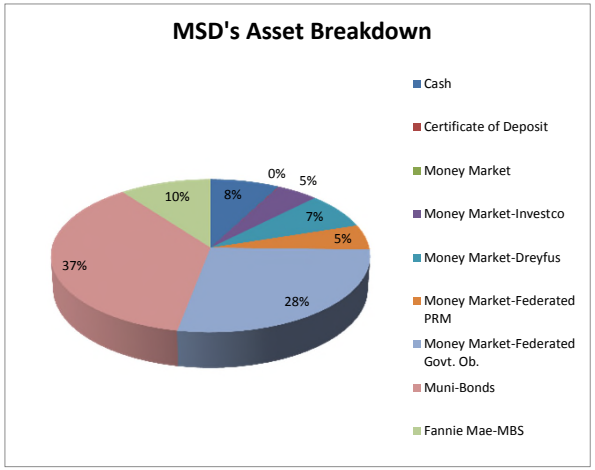
Prepared by Latoya English 10/13/2017

MSD's Current Investment Model - September FY 2018

Series	Revenue Fund	Debt Service Fund	Debt Reserve Fund	Construction Fund	Cost of Issuance	Totals
2007A	$ -	$ 821.79	$ -	$ -	$ -	$ 821.79
2008A	$ -	$ 1,943,003.61	$ 4,443,298.97	$ -	$ -	$ 6,386,302.58
2009A	$ -	$ 2,708,137.44	$ 9,458,498.13	$ -	$ -	$ 12,166,635.57
2009B	$ -	$ 7,727,338.53	$ 28,997,583.04	$ -	$ -	$ 36,724,921.57
2009C	$ -	$ 4,043,954.11	$ 25,884,441.88	$ -	$ -	$ 29,928,395.99
2010A	$ -	$ 7,748,633.93	$ 39,516,705.43	$ -	$ -	$ 47,265,339.36
2011A	$ -	$ 5,478,087.89	$ -	$ -	$ -	$ 5,478,087.89
2015 BAN	$ -	$ -	$ -	$ -	$ -	$ -
2016 BAN	$ -	$ 6,492,198.08	$ -	$ -	$ -	$ 6,492,198.08
2013A&B	$ -	$ 4,124,170.12	$ 29,046,339.11	$ -	$ -	$ 33,170,509.23
2013C	$ -	$ 1,782,192.03	$ 5,425,402.07	$ -	$ -	$ 7,207,594.10
2014A	$ -	$ 1,289,102.73	$ -	$ -	$ -	$ 1,289,102.73
2015A	$ -	$ 2,545,147.60	$ 4,585,649.31	$ -	$ -	$ 7,130,796.91
2015B	$ -	$ 1,914,176.27	$ -	$ -	$ -	$ 1,914,176.27
2016A	$ -	$ 1,681,346.85	$ -	$ 5,285.82	$ -	$ 1,686,632.67
2016B	$ -	$ 389,673.87	$ -	$ -	$ -	$ 389,673.87
2016C	$ -	$ 1,141,139.24	$ -	$ -	$ -	$ 1,141,139.24
2017A	$ -		$ 3,686,071.54	$ 171,144,642.99	$ 14,477.43	$ 174,845,191.96
2017B	$ -	$ -	$ -	$ -	$ 8,362.62	$ 8,362.62
Cash	$ 17,188,105.39	$ -	$ -	$ -	$ -	$ 17,188,105.39
Certificate of Deposit	$ 100,000.00	$ -	$ -	$ -	$ -	$ 100,000.00
Treasury - Agency	$ 10,038,297.15	$ -	$ -	$ -	$ -	$ 10,038,297.15
Totals	$ 27,326,402.54	$ 51,009,124.09	$ 151,043,989.48	$ 171,149,928.81	$ 22,840.05	$ 400,552,284.97



Asset Description	Revenue Fund	Debt Service Fund	Debt Reserve Fund	Construction Fund	Cost of Issuance	Totals
Cash	$ 17,188,105.39	$ -	$ -	$ -	$ -	$ 17,188,105.39
Certificate of Deposit	$ 100,000.00	$ -	$ -	$ -	$ -	$ 100,000.00
Money Market	$ -	$ -	$ -	$ -	$ -	$ -
Money Market-Investco			$ 3,686,071.54	$ 6,618,683.06	$ 22,840.05	$ 10,327,594.65
Money Market-Dreyfus	$ -	$ 4,651,962.84	$ 12,109,411.25	$ 5,285.82	$ -	$ 16,766,659.91
Money Market-Federated PRM	$ -	$ 7,727,338.53	$ 3,911,094.44	$ -	$ -	$ 11,638,432.97
Money Market-Federated Govt. Ol	$ -	$ 38,629,822.72	$ 22,382,666.24	$ -	$ -	$ 61,012,488.96
Muni-Bonds	$ -	$ -	$ 81,070,585.25	$ -	$ -	$ 81,070,585.25
Fannie Mae-MBS	$ -	$ -	$ 22,738,415.96	$ -	$ -	$ 22,738,415.96
Treasury - Agency	$ 10,038,297.15	$ -	$ 5,145,744.80	$ 64,795,200.00	$ -	$ 79,979,241.95
Corporate Commercial Paper	$ -	$ -	$ -	$ 74,777,982.43	$ -	$ 74,777,982.43
Asset Backed Commercial Paper	$ -	$ -	$ -	$ 24,952,777.50	$ -	$ 24,952,777.50
Totals	$ 27,326,402.54	$ 51,009,124.09	$ 151,043,989.48	$ 171,149,928.81	$ 22,840.05	$ 400,552,284.97

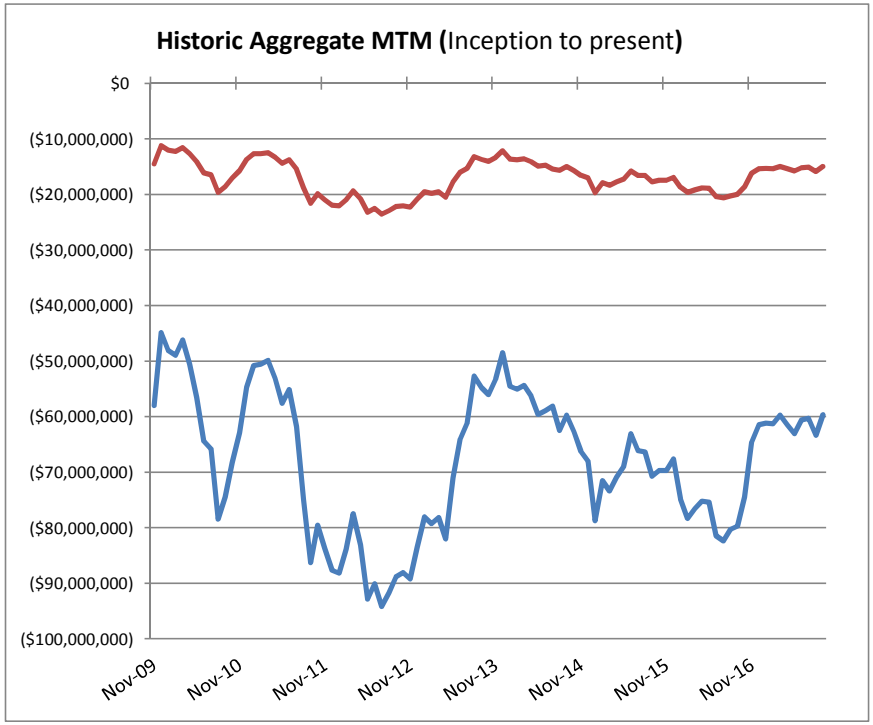


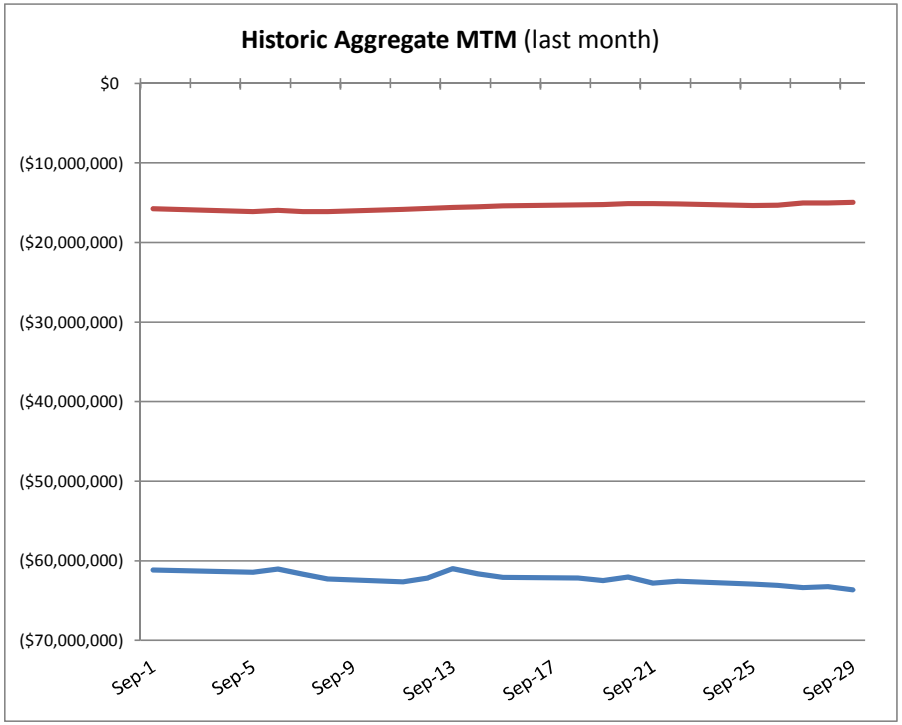
Prepared by Latoya English 10/13/2017

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 9/30/2017 Louisville and Jefferson County Metropolitan Sewer District

Description	Ccy	Initial Notional	Current Notional	Credit Support Provider	Maturity Date	Base Value*	Accrued	Net Value**
Series 1999 - 1 -$225.732M 67% LIBOR Fixed	USD	180,716,000	180,716,000	Wells Fargo Bank, NA	05/15/2033	(59,444,179.96)	(259,378.98)	(59,697,555.94)
Series 1999 - 2 -$56.433 67% LIBOR Fixed	USD	56,433,000	45,284,000	Bank of America, NA	05/15/2033	(14,877,574.70)	(63,471.60)	(14,941,046.30)
Total USD Currency		**237,149,000**	**226,000,000**			**(74,321,751.66)**	**(316,850.58)**	**(74,638,602.24)**





*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 approp

Employee Engagement FY18 Goal Data

OSHA Recordables	July	August	September	October	November	December	January	February	March	April	May	June	Total
Monthly OSHA Recordables	3	2	3										32
Month To Date	3	5	8										8
Annualized OSHA Recordables	36	30	32										32

Time To Fill Position	July	August	September	October	November	December	January	February	March	April	May	June	Total
Days To Fill	409	189	360										958
Jobs Filled	8	5	8										21
Monthly Time To Fill	51.13	37.80	45.00										45.62
Annualized Time To Fill	51.13	46.00	45.62										45.62

Lost Time Due To Injury	July	August	September	October	November	December	January	February	March	April	May	June	Total
Monthly Lost Time Due To Injury	2	0	2										16
Month to Date	2	2	4										4
Annualized Lost Time Due To Injury	24	12	16										16

Historical Performance			
Year	OSHA Recordables	Time To Fill	Lost Time
2012	60	44.43	21
2013	44	50.34	28
2014	38	51.40	30
2015	54	59.37	30
2016	26	66.47	31
2017	11	61.46	20

Average	38.83	56	27
Standard Deviation	18.14	8	5
Deviations Used For Goal	*Self Set	0.5	0.5

Performance Scale			
Level	OSHA Recordables	Time To Fill	Lost Time
Exceptional	20	47.37	22
Commendable	25	51.48	25
Fully	30	55.58	27
Needs Imprv.	35	59.68	29
Fails	36	59.69	30
Annualized Current Year	32	45.62	16
Level	Needs Imprv.	Exceptional	Exceptional
Overall	Commendable		

*Self Set - Goal was set by area owner

Prepared By: Craig Calvert

Effectiveness FY18 Goal Data

Treatment Plant Violations	July	August	September	October	November	December	January	February	March	April	May	June	End Result
Monthly Treatment Plant Violations	2	1	3										6
Month To Date	2	3	6										6
Annualized Treatment Violations	24	18	24										24

Sewer Backups Per 100 Miles	July	August	September	October	November	December	January	February	March	April	May	June	End Result
Monthly Sewer Backups	72	70	62										816
Sewer Miles by Month	3322	3325	3325										3325
Monthly Backups Per 100 Miles	2.17	2.11	1.86										24.54
Annualized Backups Per 100 Miles	26.01	25.62	24.54										24.54

Unauthorized Dry Weather Discharges	July	August	September	October	November	December	January	February	March	April	May	June	End Result
Unauthorized Dry Weather Discharges by Month	3	0	1										16
Month To Date	3	3	4										4
Annualized Unauthorized Dry Weather Discharges	36	18	16										21

Historical Performance			
Year	Treatment Plant Violations	Sewer Backups Per 100 Miles	Unauthorized Dry Weather Discharges
2012	0	32.04	39
2013	0	32.59	23
2014	0	33.08	29
2015	23	41.74	28
2016	13	32.47	30
2017	37	33.47	21

Average	12.17	34	28
Standard Deviation	15.35	4	6
Deviations Used For Goal	*Self Set	*Self Set	*Self Set

*Self Set - Goal was set by area owner

Performance Scale			
Year	Treatment Plant Violations	Sewer Backups Per 100 Miles	Unauthorized Dry Weather Discharges
Exceptional	4	27	22
Commendable	10	31	32
Fully	20	34	42
Needs Imprv.	30	40	52
Fails	31	40.01	53
Annualized Current Year	24	24.54	21
Level	Needs Imprv.	Exceptional	Exceptional
Overall	Commendable		

Prepared By: Craig Calvert

Customer Relations FY18 Goal Data

Abandonment Rate	July	August	September	October	November	December	January	February	March	April	May	June	End Result
Monthly Abandoned Calls	206	181	242	0	0	0	0	0	0	0	0	0	2516
Total Calls by Month	4434	5295	4751	0	0	0	0	0	0	0	0	0	57920
Monthly Abandonment Rate	4.65%	3.42%	5.09%										4.34%
Annualized Abandonment Rate	4.65%	3.98%	4.34%										4.34%

Technical Complaint Calls	July	August	September	October	November	December	January	February	March	April	May	June	End Result
Monthly Technical Complaint Calls	877	1149	925	0	0	0	0	0	0	0	0	0	11804
Customer Accounts by Month	256858	256976	257143	0	0	0	0	0	0	0	0	0	256992
Monthly Technical Complaint Calls	0.34%	0.45%	0.36%										4.59%
Annualized Technical Complaint Calls	4.10%	4.73%	4.59%										4.59%

Response Rate	July	August	September	October	November	December	January	February	March	April	May	June	End Result
Monthly Field Calls Responded to Within 4 Hours	271	270	267	0	0	0	0	0	0	0	0	0	3232
Total Field Calls by Month	277	273	279	0	0	0	0	0	0	0	0	0	3316
Monthly Response Rate	97.83%	98.90%	95.70%										97.47%
Annualized Response Rate	97.83%	98.36%	97.47%										97.47%

Historical Performance			
Year	Abandonment Rate	Technical Complaint Calls	Response Rate
2012	2.74%	6.74%	93.59%
2013	1.74%	5.97%	94.10%
2014	2.13%	6.01%	90.31%
2015	4.22%	5.86%	87.20%
2016	4.93%	5.55%	93.49%
2017	7.36%	4.65%	94.46%
Average	3.85%	5.80%	92.19%
Standard Deviation	2.11%	0.68%	2.86%
Deviations Used For Goal	0.5	0.5	0.5

Performance Scale			
Year	Abandonment Rate	Technical Complaint Calls	Response Rate
Exceptional	2.14%	4.82%	96.36%
Commendable	3.19%	5.16%	94.93%
Fully	4.25%	5.50%	93.50%
Needs Imprv.	5.31%	5.84%	92.07%
Fails	5.32%	5.85%	92.06%
Annualized Current Year	4.34%	4.59%	97.47%
Level	Needs Imprv.	Exceptional	Exceptional
Overall	Commendable		

*Self Set - Goal was set by area owner

Prepared By: Craig Calvert

Financial FY18 Goal Data

Funds Available	July	August	September	October	November	December	January	February	March	April	May	June	Total
Funds Available by Month	$ 4,422.00	$ 3,271.00	$ 1,535.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 36,912.00
Total Revenue by Month	$ 24,770.00	$ 25,361.00	$ 23,031.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 292,648.00
Monthly Funds Available %	17.85%	12.90%	6.66%										12.61%
Annualized Funds Available %	17.85%	15.35%	12.61%										12.61%

Budgeted Operating Expense	July	August	September	October	November	December	January	February	March	April	May	June	Total
Actual Spend By Month	$ 8,717.00	$ 11,114.00	$ 9,382.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 116,852.00
Budget	$ 125,619.00	$ 125,619.00	$ 125,619.00	$ 125,619.00	$ 125,619.00	$125,619.00	$ 125,619.00	$ 125,619.00	$ 125,619.00	$ 125,619.00	$ 125,619.00	$ 125,619.00	$ 125,619.00
Monthly Budget %	6.94%	8.85%	7.47%										93.02%
Anualized OE Budget %	83.27%	94.72%	93.02%										93.02%

Return On Assets	July	August	September	October	November	December	January	February	March	April	May	June	Total
Net Income by Month	$ 5,322.00	$ 5,378.00	$ 3,919.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 58,476.00
Net Fixed Assets by Month	$ 2,738,646.00	$ 2,749,140.00	$ 2,764,317.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,764,317.00
Average Total Assets	$ 2,738,646.00	$ 2,743,893.00	$ 2,751,481.50										$ 2,750,701.00
Return On Assets	2.33%	2.34%	2.13%										2.13%

Historical Performance			
Year	Funds Available	Budgeted Operating Expense	Return On Assets
2012	0.00%	95.35%	
2013	0.00%	92.42%	1.03%
2014	3.67%	93.38%	1.66%
2015	6.48%	93.55%	1.77%
2016	5.19%	98.88%	1.55%
2017	7.27%	97.38%	1.57%

Average	3.77%	95.16%	1.52%
Standard Deviation	1.58%	2.53%	0.29%
Deviations Used For Goal	0.5	*Self Set	0.5

Performance Scale			
Year	Funds Available	Budgeted Operating Expense	Return On Assets
Exceptional	9.47%	92.50%	1.80%
Commendable	8.68%	95.00%	1.66%
Fully	7.89%	100.00%	1.52%
Needs Imprv.	7.10%	105.00%	1.37%
Fails	7.09%	105.01%	1.36%
Annualized Current Year	12.61%	93.02%	2.13%
Level	Exceptional	Commendable	Exceptional
Overall	Commendable		

*Self Set - Goal was set by area owner

Prepared By: Craig Calvert

Efficiency FY18 Goal Data

Invoices Paid On Time	July	August	September	October	November	December	January	February	March	April	May	June	Total
Invoices Paid On Time by Month	1,130	1,302	1,280	-	-	-	-	-	-	-	-	-	14,848
Total Invoices by Month	1,604	1,868	1,755	-	-	-	-	-	-	-	-	-	20,908
Monthly Invoice Timeliness %	70.45%	69.70%	72.93%										71.02%
Annualized Invoice Timeliness %	70.45%	70.05%	71.02%										71.02%

Help Desk SLA	July	August	September	October	November	December	January	February	March	April	May	June	Total
Tickets Meeting SLA by Month	547	606	547										6,800
Total Tickets by Month	626	716	619										7,844
Monthly SLA %	87.38%	84.64%	88.37%										86.69%
Annualized SLA %	87.38%	85.92%	86.69%										86.69%

Operating Professional Services	July	August	September	October	November	December	January	February	March	April	May	June	Total
Monthly Operating Professional Services	$ 144	$ 357	$ 528	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,116
O&M Before Capitalization by Monthj	$ 8,717	$ 11,114	$ 9,382	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 116,852
Monthly Pro Services %	1.65%	3.21%	5.63%										3.52%
Professional Services Expense %	1.65%	2.53%	3.52%										3.52%

Historical Performance			
Year	Invoices Paid On Time	Help Desk SLA	Operating Pro. Services
2012			
2013			
2014			1.81%
2015			2.67%
2016	42.83%	84.98%	3.54%
2017	58.81%	86.05%	3.50%

Average	50.82%	85.52%	2.88%
Standard Deviation	11.30%	0.76%	0.82%
Deviations Used For Goal	0.25	1	0.5

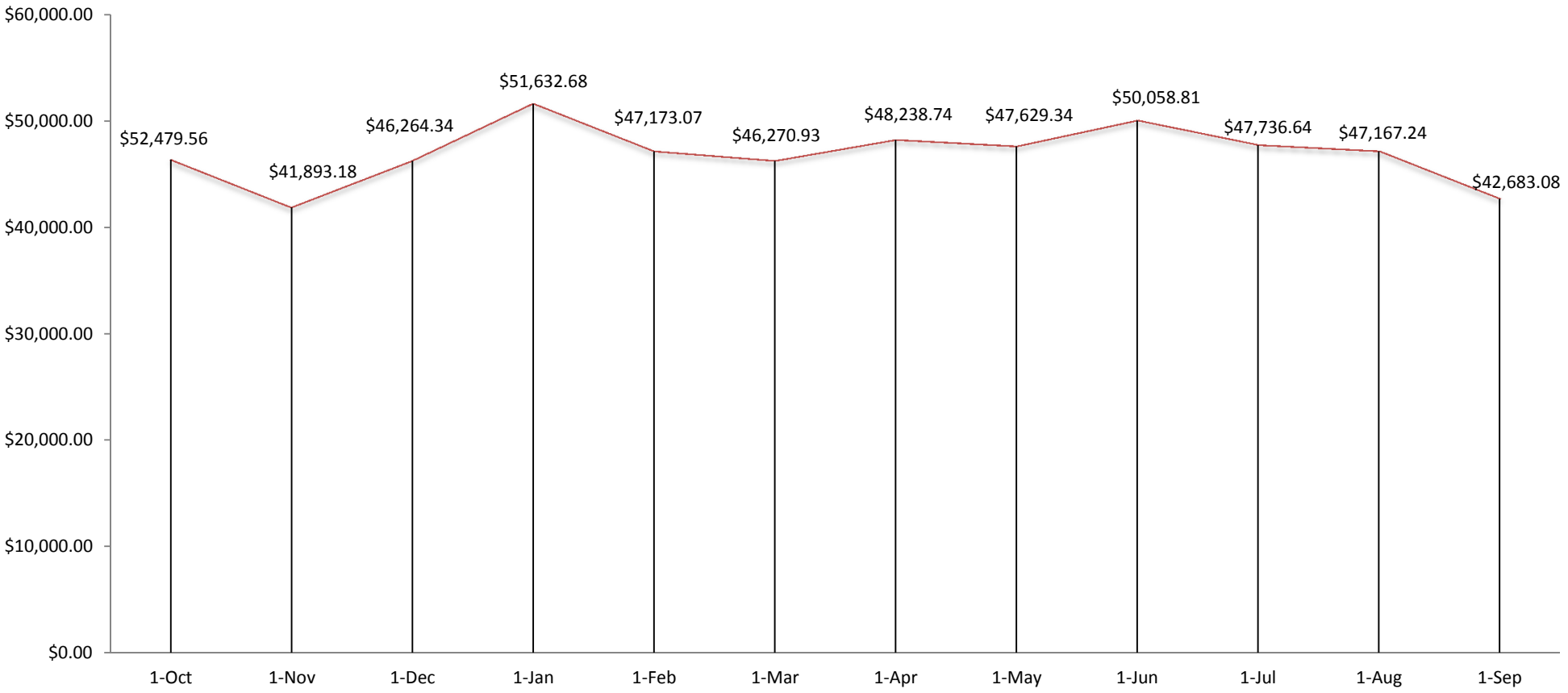
Performance Scale			
Year	Invoices Paid On Time	Help Desk SLA	Operating Pro. Services
Exceptional	80.65%	87.03%	2.68%
Commendable	77.82%	86.27%	3.09%
Fully	75.00%	85.52%	3.50%
Needs Imprv.	70.00%	84.76%	3.91%
Fails	69.99%	84.75%	3.92%
Annualized Current Year	71.02%	86.69%	3.52%
Level	Needs Imprv.	Commendable	Needs Imprv.
Overall	Needs Imprv.		

*Self Set - Goal was set by area owner

Prepared By: Craig Calvert

P-CARD TOTAL SPEND

DATE RANGE: OCTOBER 31, 2016 TO SEPTEMBER 30, 2017



P-cards issued= 107

Total violation = 17
- Sales Tax = 1
- Split charges = 1
- Lack of Receipts = 0
- Personal expense = 0
- Late receipt = 14
- 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= 5
- Legal=1
- Human Resources=4
- Finance=6

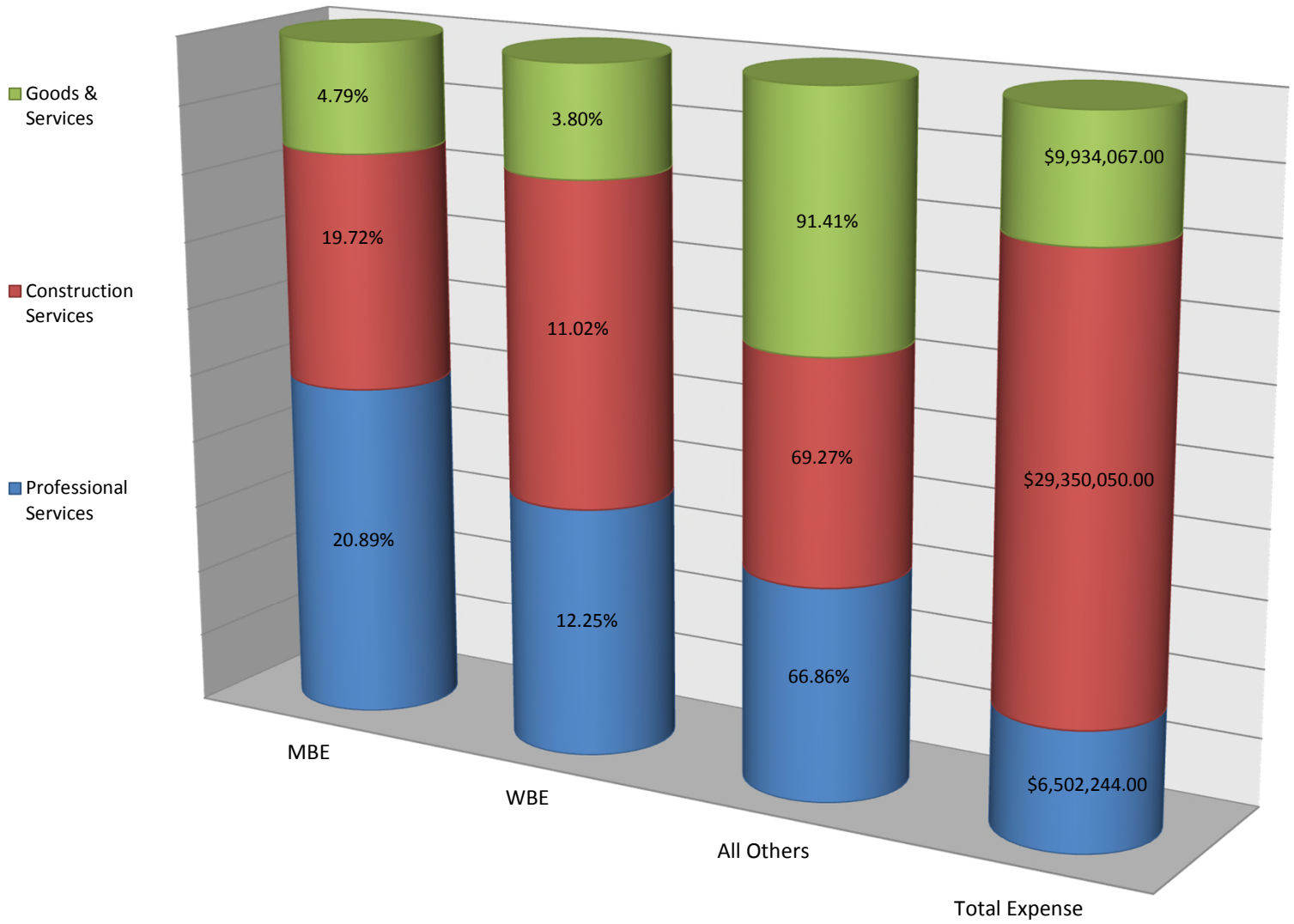
Engineering Division
- Regulaory & GIS = 2
- Development = 3
- Design & Construction = 1

Operations
- Administration = 1
- Collections Systems = 17
- Drainage & Flood Protection = 7
- Treatment Facilities (Maintenance) = 9
- Collections System (Sanitary) = 6
- Support Services = 15
- Treatment Facilities = 19
- Performance = 4

Information Technology Division
- Information Technology= 7

REPORT PREPARED BY: LeQuita Moore 10.6.2017

MBE/ WBE Expenditure Report
YTD July 1, 2017 - September 30, 2017



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

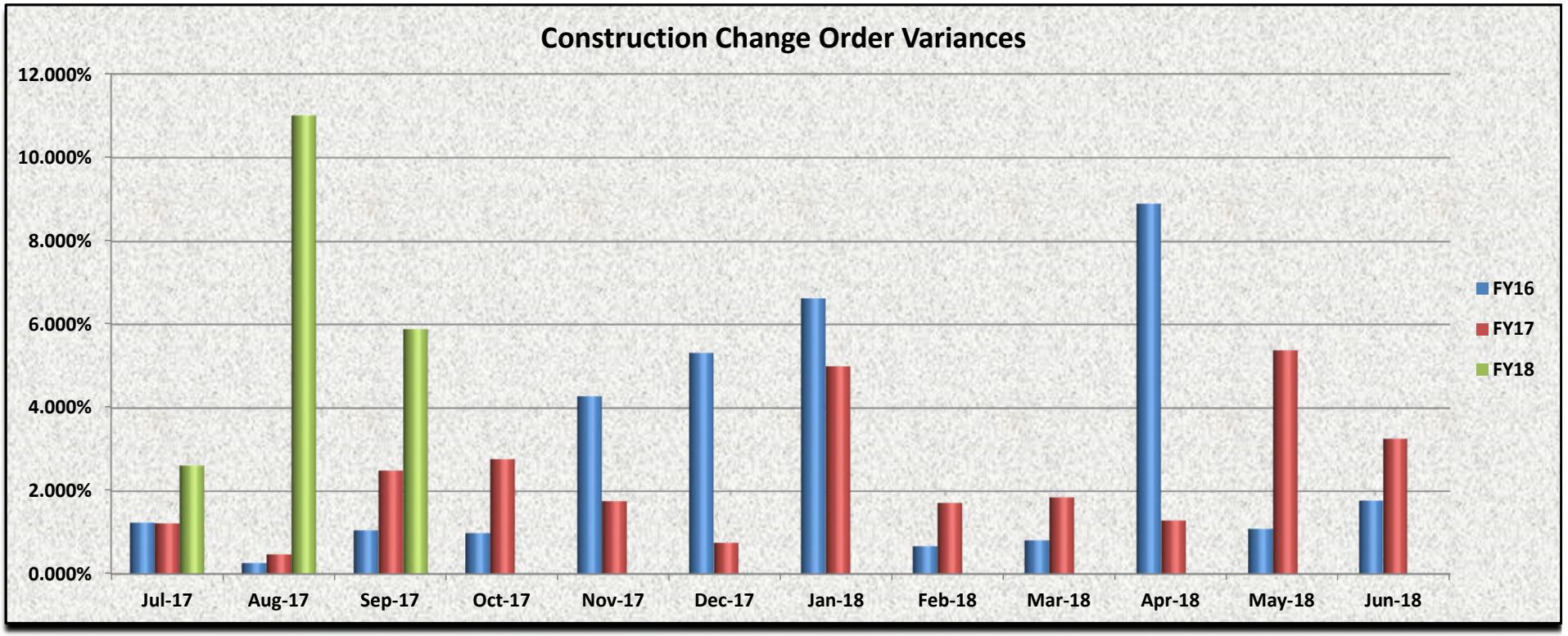
Prepared by: L. Moore 10.11.2017

Construction Change Order Variance Report

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%
TOTAL	**$ 629,977,523.46**	**$ 13,981,985.97**	**2.219%**

FY17			
MONTH	TOTAL ORIGINAL AMOUNT	TOTAL CHANGE ORDER AMOUNT	VARIANCE
Jul-16	$ 42,233,687.74	$ 516,165.36	1.222%
Aug-16	$ 7,353,070.00	$ 34,718.35	0.472%
Sep-16	$ 66,294,656.29	$ 1,657,535.00	2.500%
Oct-16	$ 18,256,061.00	$ 506,907.97	2.777%
Nov-16	$ 91,399,252.90	$ 1,609,674.12	1.761%
Dec-16	$ 12,346,311.00	$ 92,758.33	0.751%
Jan-17	$ 1,689,993.00	$ 84,502.10	5.000%
Feb-17	$ 23,900,782.00	$ 409,702.74	1.714%
Mar-17	$ 36,741,500.00	$ 679,043.00	1.848%
Apr-17	$ 77,231,166.84	$ 997,437.19	1.291%
May-17	$ 57,393,872.34	$ 3,091,011.08	5.386%
Jun-17	$ 15,112,912.76	$ 493,668.99	3.267%
TOTAL	**$ 449,953,265.87**	**$ 10,173,124.23**	**2.261%**

FY18			
MONTH	TOTAL ORIGINAL AMOUNT	TOTAL CHANGE ORDER AMOUNT	VARIANCE
Jul-17	$ 3,657,588.00	$ 95,897.81	2.622%
Aug-17	$ 12,361,972.25	$ 1,361,568.08	11.014%
Sep-17	$ 8,123,347.81	$ 478,560.75	5.891%
Oct-17			
Nov-17			
Dec-17			
Jan-18			
Feb-18			
Mar-18			
Apr-18			
May-18			
Jun-18			
TOTAL	**$ 24,142,908.06**	**$ 1,936,026.64**	**8.019%**



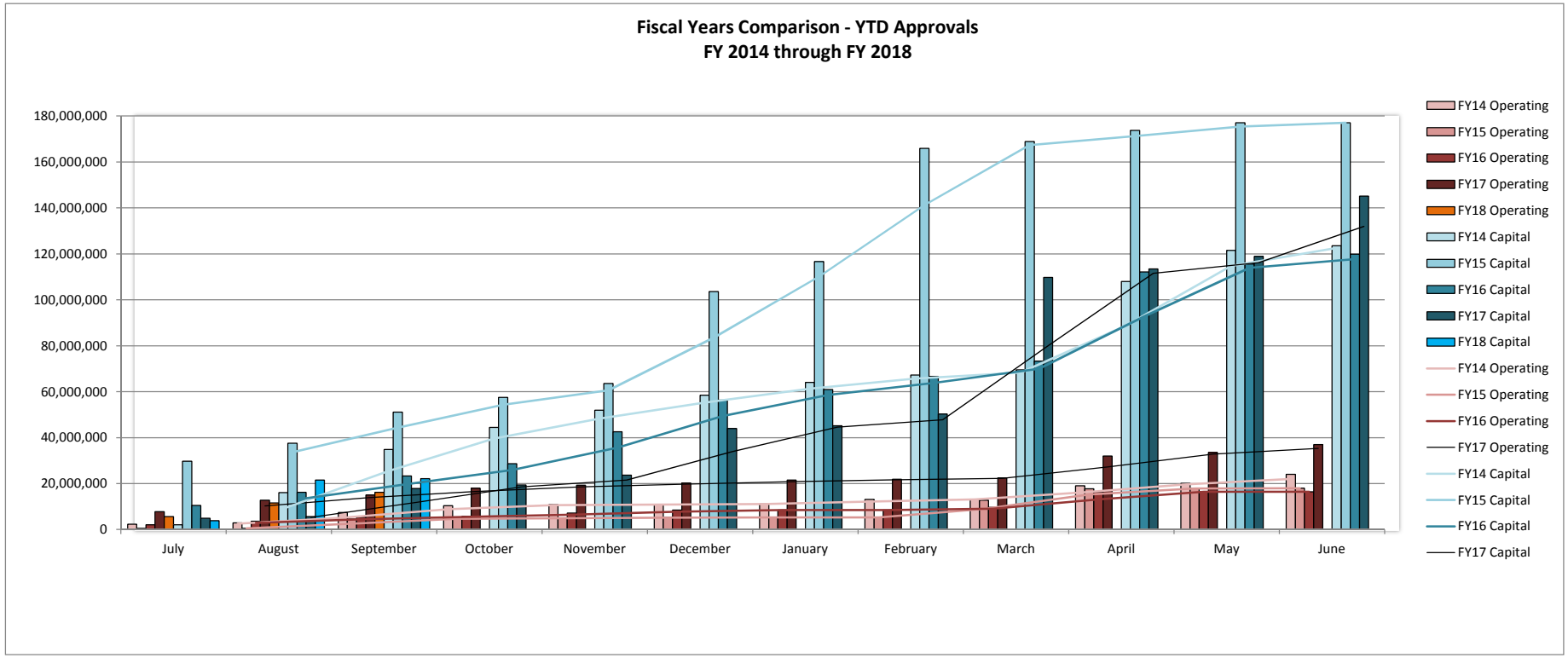
LeQuita Moore 10/20/2017

BOARD APPROVALS FOR OPERATING AND CAPITAL EXPENDITURES

BOARD MEETING ACTIONS 09-25-17 DESCRIPTION	DEPARTMENT	ACCOUNT	OPERATING	CAPITAL
DD Midori Construction / Eldorado Ave DIP	C16134 / Engineering	56216 - Construction		$58,700
Trico Energy / S 43rd Street Alley DIP	C16107 / Engineering	56216 - Construction		$59,212
B & R Contracting / 4003 Sirate Lane DIP	C16237 / Engineering	56216 - Construction		$26,538
Allterrain Paving & Construction / 10608 Hite Creek Rd DIP	C18181 / Engineering	56216 - Construction		$73,500
Triumph Landscape Construction / Bashford Avenue DIP	C17184 / Engineering	56216 - Construction		$216,690
Benham Consultant / Consulting for Eng Mgr WW Trtmnt & Water Quality	Engineering	52140 - Professional Services	$144,000	
DM Anderson / FY18 Teledyne ISCO 2150 Flow Meters	H14065 / Engineering	56217 - Equipment		$44,954
Allterrain Paving & Construction / Kinloch Rd DIP	C18182 / Engineering	56216 - Construction		$54,000
Croswell-Schulte IT Consultants / LOJIC Consulting Services	Information Technology	52140 - Professional Services	$30,000	
Basham Construction & Rental Co / Rede Fern Road DIP	C18179 / Engineering	56216 - Construction		$70,450
Reis Environmental / Sensors & Batteries for Monitors	Facilities, Safety & Security	52160 - Maintenance & Repairs	$26,000	
CED / Starkey Pump Station #2 VFD Repair	Operations	52160 - Maintenance & Repairs	$25,653	
Waste Mgmnt / Commercial Garbage Pick Up, Recycling & Disposal	Various	52140 - Professional Services	$73,997	
Thorntons, Wex, FleetOne / On-Site Fuel Services	3600591 - Operations	53120 - Gas, 53130 - Diesel	$719,014	
Infor Public Sector / Hansen Annual Software Maintenance	8330631 - Information Systems	52160 - Maintenance & Repairs	$679,566	
Great Lakes Maintenance / Ind Coating Services	Operations - Various	Various	$225,000	
Albert Oil Co / Non-Road Diesel Fuel	Operations - Various	Various	$49,900	
McCoy & McCoy Lab / Organic Sample Analysis	Operations	52140 - Professional Services	$49,000	
Natural Products LLC / Spoils Disposal	Operations	53160 - Landfill Cost	$330,000	
Crown Services / Temporary Personnel Services	Human Resources	52180 - Temporary Services	$565,000	
Waste Mgmnt / Removal & Disposal of Trash, Screenings, Grit & Biosolids	Operations - Various	52170 - Sludge & Grit & 52195 Other Contract	$1,700,000	
		SEPTEMBER TOTALS	$4,617,131	$604,044
		Y-T-D TOTALS	$16,232,660	$22,107,883

Prepared by: Patrick Meador

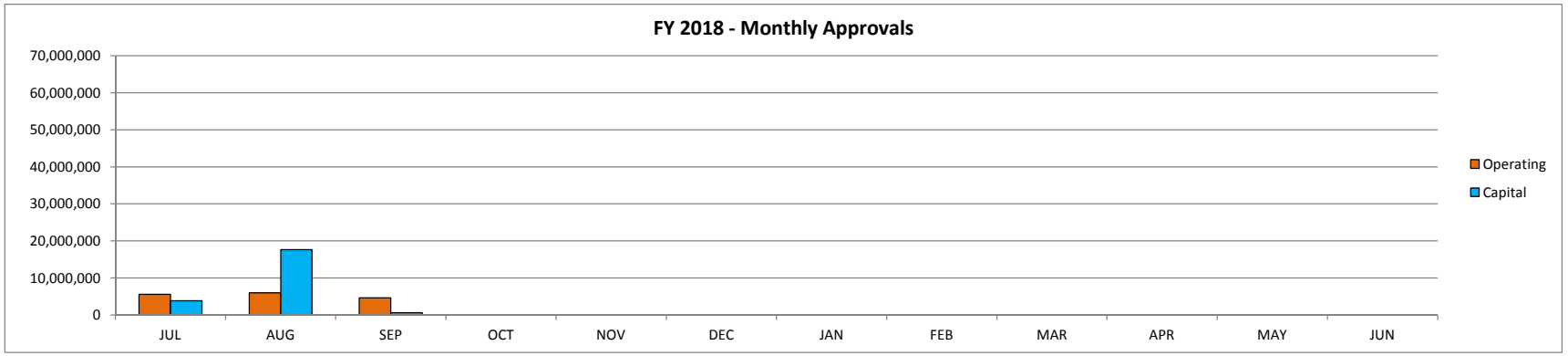
BOARD APPROVALS FOR OPERATING AND CAPITAL EXPENDITURES



2018	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
Operating	5,595,785	11,615,530	16,232,660	0	0	0	0	0	0	0	0	0	16,232,660	42%
Capital	3,879,849	21,503,839	22,107,883	0	0	0	0	0	0	0	0	0	22,107,883	58%
Total	9,475,635	33,119,369	38,340,543	0	0	0	0	0	0	0	0	0	38,340,543	100%

Prepared by: Patrick Meador

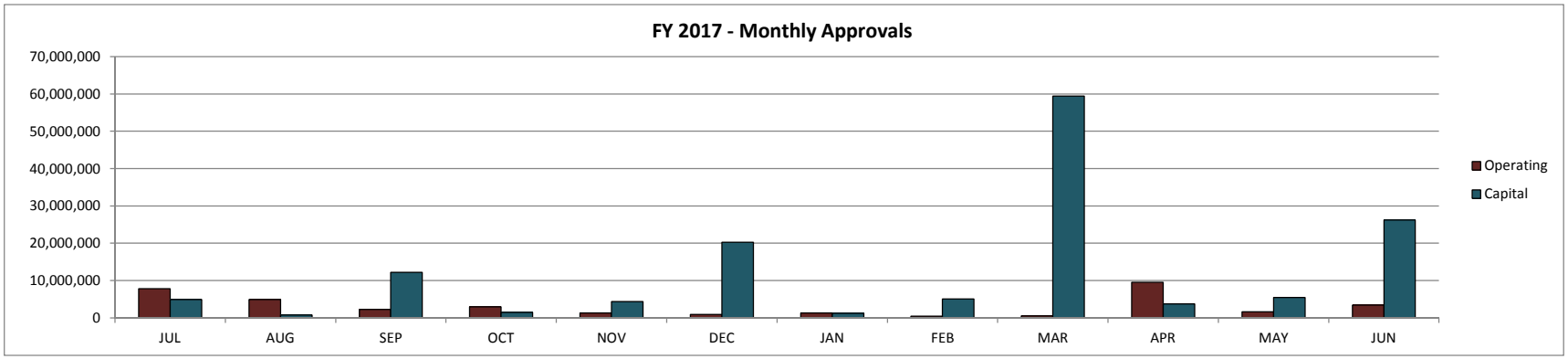
BOARD APPROVALS FOR OPERATING AND CAPITAL EXPENDITURES



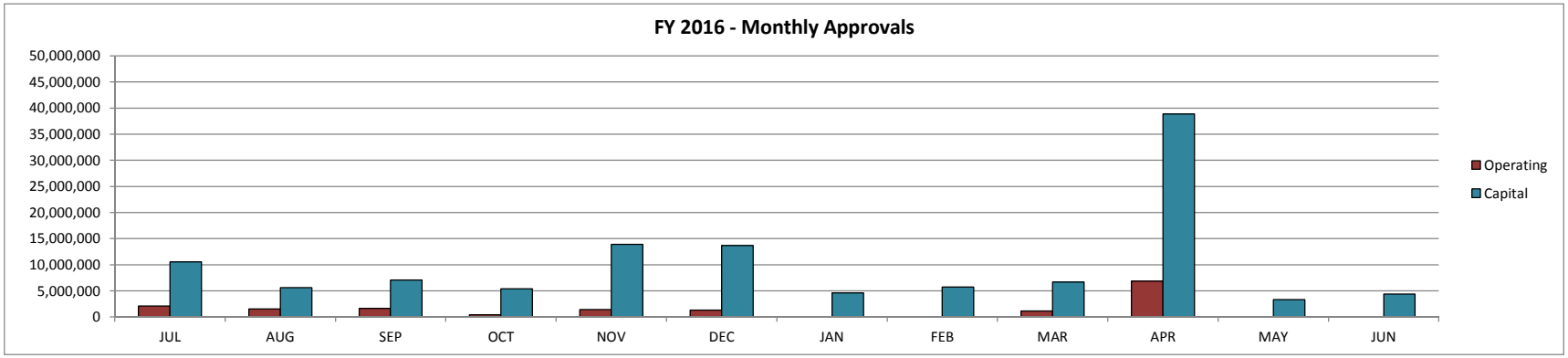
2018	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
Operating	5,595,785	6,019,744	4,617,131										16,232,660	42%
Capital	3,879,849	17,623,990	604,044										22,107,883	58%
Total	9,475,635	23,643,734	5,221,175	0	0	0	0	0	0	0	0	0	38,340,543	100%

Prepared by: Patrick Meador

BOARD APPROVALS FOR OPERATING AND CAPITAL EXPENDITURES



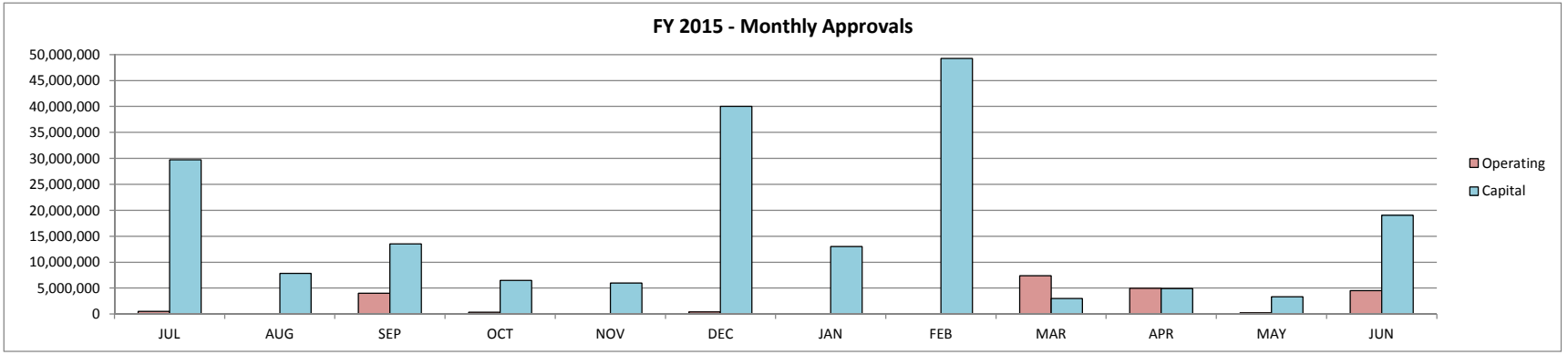
2017	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
Operating	7,831,807	4,921,765	2,268,959	2,967,898	1,276,073	946,342	1,283,110	439,598	539,286	9,508,388	1,594,106	3,414,365	36,991,697	20%
Capital	4,939,806	726,451	12,197,966	1,486,972	4,362,362	20,240,801	1,255,917	5,041,921	59,430,114	3,738,335	5,447,809	26,204,470	145,072,923	80%
Total	12,771,613	5,648,216	14,466,925	4,454,870	5,638,435	21,187,143	2,539,027	5,481,519	59,969,400	13,246,722	7,041,915	29,618,835	182,064,620	100%



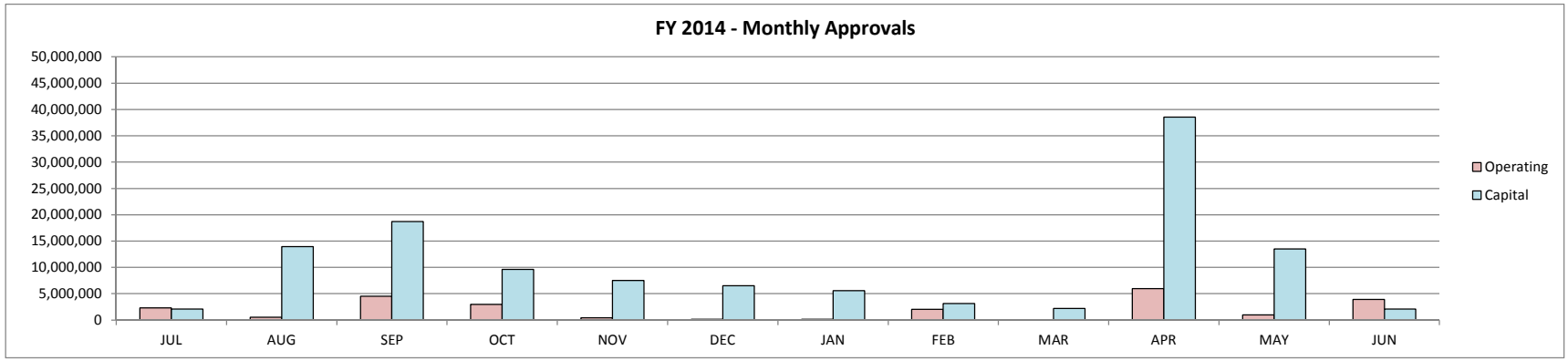
2016	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
Operating	2,106,697	1,564,811	1,670,350	400,000	1,423,300	1,296,583	0	0	1,172,755	6,861,107	0	0	16,495,603	12%
Capital	10,546,131	5,648,074	7,102,873	5,391,209	13,917,934	13,671,522	4,630,083	5,736,777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

Prepared by: Patrick Meador

BOARD APPROVALS FOR OPERATING AND CAPITAL EXPENDITURES



2015	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
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%



2014	July	August	September	October	November	December	January	February	March	April	May	June	Total	Percentage
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%

Open Construction Orders Report
As of September 30, 2017

Date Created	P/O#	Vendor	Project Name	PO Amount	PO Amount Remaining Open	Completion Scheduled	Payment % Complete	Status
6/9/2014	4500062930	Hall Contracting of KY	Bells Ln Wet Weather Treatment Facility	$42,594,020	$3,835,643	7/24/2017	91%	Under Construction
9/24/2014	4500064240	Garney Companies	Logan CSO Interceptor	$31,779,813	$1,149,158	10/6/2017	96%	Under Construction
2/17/2015	4500066012	Judy Construction Company	Nightingale PS & CSO Basin	$33,688,748	$2,950,790	7/3/2017	91%	Under Construction
3/31/2015	4500066515	Walsh Construction	Logan CSO Basin	$49,538,628	$5,266,259	10/18/2017	89%	Under Construction
8/11/2015	4500068286	Thieneman Construction	MFWQTC Headworks Modifications	$11,265,167	$959,316	8/26/2017	91%	Under Construction
9/21/2015	4500068857	Pace Contracting	MFWQTC Generator Addition - FEPS	$2,599,618	$185,413	5/15/2017	93%	Under Construction
11/11/2015	4500069493	CE Power Solutions	MFWQTC High Yard Improvements	$5,873,889	$674,813	7/31/2017	89%	Under Construction
11/17/2015	4500069562	Flynn Brothers Contracting	CSO 190 Green Infrastructure	$1,755,747	$84,684	4/30/2017	95%	Under Construction
12/9/2015	4500069809	Link Electric Company	MFWQTC Centrifuge Electrical Controls Replace	$906,109	$127,493	7/30/2017	86%	Under Construction
1/20/2016	4500070228	Glenwood Electric	Beargrass Creek FPS Elec Imp & Vortex Supports	$6,401,827	$160,115	10/13/2017	97%	Under Construction
1/21/2016	4500070249	Thieneman Construction	MFWQTC Oxygen Generation & Supply Site	$5,099,411	$339,827	11/11/2017	93%	Under Construction
1/28/2016	4500070330	Thieneman Construction	MFWQTC Process Water Line Replacement	$270,901	$23,190	10/29/2016	91%	Under Construction
2/5/2016	4500070433	TSI Construction	Camp Taylor Sanitary Sewer Replacement 1A	$9,087,144	$807,450	10/7/2017	91%	Under Construction
5/26/2016	4500071928	MAC Construction	Camp Taylor SSR 2A	$7,937,282	$1,719,018	8/28/2017	78%	Under Construction
6/2/2016	4500071993	Pace Contracting	4th St FPS Improvements	$3,401,992	$2,332,727	12/31/2017	31%	Under Construction
6/2/2016	4500071995	MAC Construction	Clifton Heights CSO Basin	$24,693,869	$13,002,329	6/1/2018	47%	Under Construction
7/22/2016	4500072608	Ulliman Schutte Construction	Design-Build Southwestern Pkwy CSO Basin Stage 1	$2,955,720	$363,762	12/31/2018	88%	Design Phase 1
7/29/2016	4500072679	Basham Construction & Rental	Camp Taylor SSR Areas 2B &4	$7,917,771	$2,439,299	12/15/2017	69%	Under Construction
8/22/2016	4500072976	Thieneman Construction	RTC SOR1 In-Line Storage Facility	$2,297,492	$490,313	10/3/2017	79%	Under Construction
10/14/2016	4500073663	Smith Contractors	Portland CSO Basin Interceptor	$4,798,967	$1,104,541	6/5/2017	77%	Under Construction
10/19/2016	4500073730	Triumph Landscape Construction	Brownhurst Court DIP	$50,880	$22,665	1/15/2017	55%	Under Construction
10/25/2016	4500073800	Flynn Brothers Contracting	South Pope Lick PS Renovations Phase 1	$247,142	$103,129	6/30/2017	58%	Under Construction
11/8/2016	4500073971	Basham Construction & Rental	Transylvania Beach Flood Mitigation	$134,172	$62,583	3/8/2017	53%	Under Construction
11/8/2016	4500073969	E-Z Construction Co Inc	CSO 190 Green Infrastructure Phase 2	$3,704,176	$1,005,726	12/8/2017	73%	Under Construction
12/19/2016	4500074416	Thieneman Construction	Southwestern Gate Chamber Sluice Gate Repair	$558,306	$96,590	9/29/2017	83%	Under Construction
12/20/2016	4500074453	Allterrain Paving & Construction	1314 Tycoon Way DIP	$189,018	$17,534	6/30/2017	91%	Under Construction
1/12/2017	4500074669	Ulliman Schutte Construction	Southwestern Parkway CSO Basin Design-Build Stage 2	$76,873,555	66,627,691	12/31/2018	13%	Design Phase 2
1/25/2017	4500074816	Advanced Electrical Systems	RTC SWOR2 Backup Generator	$108,856	$49,608	6/30/2017	54%	Under Construction
1/25/2017	4500074814	Temple & Temple Excavating	Floodgate 136 Actuator Replace & Gate 145	$591,938	$591,938	12/20/2017	0%	Awaiting Start
2/2/2017	4500074928	Pace Contracting	CMF Material Sorting Bldg & Vactor Pit	$2,389,508	$865,884	10/19/2017	64%	Under Construction
4/12/2017	4500075787	Allterrain Paving & Construction	12301 Saratoga View Court Bank Repair	$46,327	$46,327	6/12/2017	0%	Awaiting Start
4/12/2017	4500075786	Allterrain Paving & Construction	Chadford Way Flood Proofing	$133,531	$133,531	7/2/2017	0%	Awaiting Start
5/3/2017	4500076116	Sang Corporation	324 E Main St DIP	$51,600	$9,291	6/30/2017	82%	Under Construction
5/11/2017	4500076258	TSI Paving	Clifton Heights Force Main Extension	$2,652,637	$1,970,794	3/19/2018	26%	Under Construction
5/25/2017	4500077412	Dugan & Meyers LLC	Portland CSO Basin	$27,510,373	$24,280,164	8/31/2019	12%	Under Construction
5/30/2017	4500076449	Basham Construction & Rental	Camp Taylor 1B Private Property Warranty Issue	$9,800	$9,800	10/30/2017	0%	Awaiting Start
6/5/2017	4500076512	Allterrain Paving & Construction	6919 South 3rd St Road Bank Repair	$83,771	$83,771	8/31/2017	0%	Awaiting Start
6/5/2017	4500076514	Allterrain Paving & Construction	Lou Court Bank Repair	$62,172	$62,172	8/31/2017	0%	Awaiting Start
6/13/2017	4500076623	Basham Construction & Rental	Linwood Ave Flood Mitigation Demolition	$270,896	$270,896	10/11/2017	0%	Awaiting Start
6/13/2017	4500076624	Basham Construction & Rental	Belquin Rd Flood Mitigation Demolition	$261,541	$224,676	10/11/2017	14%	Under Construction
6/30/2017	4500076885	DD Midori Construction	High Grove Place Bank Repair	$69,000	$69,000	10/31/2017	0%	Awaiting Start
7/13/2017	4500076997	Wooldridge Homes Inc	12801 Seatonville Rd Demolition & Restoration	$11,000	$11,000	9/30/2017	0%	Awaiting Start
7/13/2017	4500077165	DD Midori Construction	8004 Red Bud Hill DIP	$19,605	$19,605	9/29/2017	0%	Awaiting Start
7/13/2017	4500076998	Wooldridge Homes Inc	Demolition Services Penway & North 41st Street	$20,000	$20,000	10/31/2017	0%	Awaiting Start
7/24/2017	4500077135	Thieneman Construction	I-64 & Grinstead CSO Basin Construction	$23,019,000	$23,019,000	5/3/2020	0%	Awaiting Start
7/25/2017	4500077149	Pace Contracting	Hite Creek Preliminary Treatment Odor Control	$315,000	$315,000	1/25/2018	0%	Awaiting Start
7/28/2017	4500077199	Miller Pipeline	FY18 Sewer Rehab	$1,044,888	$1,044,888	6/30/2018	0%	Awaiting Start
7/28/2017	4500077200	Robinson Pipe Cleaning	FY18 Sewer Rehab	$953,597	$953,597	6/30/2018	0%	Awaiting Start
8/7/2017	4500077289	B&R Contracting	2225 Paris Drive DIP	$17,000	$17,000	9/30/2017	0%	Awaiting Start
8/14/2017	4500077369	B&R Contracting	11604 Chasewood Court DIP	$15,000	$15,000	9/30/2017	0%	Awaiting Start
8/14/2017	4500077368	Seven Seas Construction	7300 Shadwell Lane DIP	$42,458	$4,245	11/15/2017	90%	Under Construction

Open Construction Orders Report
As of September 30, 2017

Date Created	P/O#	Vendor	Project Name	PO Amount	PO Amount Remaining Open	Completion Scheduled	Payment % Complete	Status
8/22/2017	4500077462	Basham Construction & Rental	Land Re-grading at 814 Humler Street	$2,500	$2,500	9/30/2017	0%	Awaiting Start
8/24/2017	4500077502	B&R Contracting	4013 Stony Brook Driveway Replacement	$17,800	$17,800	9/30/2017	0%	Awaiting Start
8/24/2017	4500077503	B&R Contracting	7305 Ridan Way Pipe Replacement	$17,500	$17,500	9/29/2017	0%	Awaiting Start
9/11/17	4500077699	DD Midori Construction	314 Lotis Way DIP	$59,938	$59,938	12/31/2017	0%	Awaiting Start
9/11/17	4500077700	EZ Construction	Beech Spring Farm Sec 1-7 Infrastructure	$223,260	$62,750	12/31/2017	72%	Under Construction
9/13/17	4500077732	B&R Contracting	Glen Bluff DIP	$25,780	$25,780	12/31/2017	0%	Awaiting Start
9/20/17	4500077815	Dropseed Native Plant Nursery	FY18 Employment Ofc Rain Gardens & Bioswale Maintenance	$8,553	$8,553	6/30/2018	0%	Awaiting Start
9/26/17	4500077898	Thieneman Construction	DRGWQTC RAS Pumps 1-4 and VFDs Replacement	$1,305,000	$1,305,000	12/31/2018	0%	Awaiting Start
				$397,981,193	**$161,539,066**			

Fiscal Year	Total Open PO's	Total Still Open	Total Amount Paid through Sept 2017	Amount Paid Sept 2017
FY2014	$42,594,020	$3,835,643	$38,758,377	$1,128,669
FY2015	$115,007,189	$9,366,207	$105,640,982	$1,355,152
FY2016	$79,292,956	$20,416,375	$58,876,581	$6,159,560
FY2017	$133,969,149	$101,001,685	$32,967,464	$3,240,357
FY2018	$27,117,879	$26,919,156	$198,723	$198,723

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