MSD Legislative Fact Sheet METROPOLITAN SEWER DISTRICT of greater CINCINNATI

NATIONAL ASSOCIATION OF CLEAN WATER AGENCIES EXCELLENCE IN Management AWARD

Gérald R. Checco
Director
11/28/2016

PROJECT IDENTIFIERS:

2017 OPERATING BUDGET

METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI

LEGISLATIVE ACTION REQUESTED:

- ☐ DESIGN[1]
- ☐ ADD'L DESIGN[2]
- ☐ EASEMENT OR REAL PROPERTY APPROPRIATION[3]
- ☐ CONSTRUCTION[4]
- ☐ ADD'L CONST[5]
- ☐ AMEND CIP[6]
- ☒ OTHER[7]: Resolution approving and appropriating funds for 2017 MSD Operating Budget

PROJECT TYPE:

- ☐ PROJECT GROUNDWORK / WWIP

PG / WWIP Activity ID: _____ PG / WWIP Milestone Dates: _____

- ☐ PROJECT GROUNDWORK / ASSET MANAGEMENT
- ☐ SUSTAINABLE INFRASTRUCTURE
- ☒ OTHER: MSD Operating Budget

PROJECT PURPOSE:

Listed below is the City of Cincinnati-recommended 2017 operating budget for the Metropolitan Sewer District of Greater Cincinnati. Estimated operating revenues for the calendar year beginning January 1, 2017 through December 31, 2017 and unappropriated funds available for use by MSD are sufficient to meet the requirements of the aforesaid operating budget.

OPERATION	2017 PERSONNEL SERVICES	2017 NON-PERSONNEL EXPENSES	2017 TOTAL BUDGET (without Exceptions)	Exceptions	2017 TOTAL BUDGET (with Exceptions)
OFFICE OF DIRECTOR	$1,976,169	$2,067,479	$4,043,648		$4,043,648
WASTEWATER ENGINEERING	$7,752,205	$776,251	$8,528,456		$8,528,456
WASTEWATER ADMINISTRATION	$6,812,776	$9,545,625	$16,358,401	$694,827	$17,053,228
WASTEWATER TREATMENT	$19,393,502	$27,470,567	$46,864,069		$46,864,069
WASTEWATER COLLECTION	$10,348,545	$9,855,753	$20,204,298		$20,204,298
INDUSTRIAL WASTE	$5,048,171	$2,035,493	$7,083,664	$200,000	$7,283,664
WATERSHED MANAGEMENT	$2,101,506	$9,916,851	$12,018,357	$1,179,910	$13,198,267
OFFICE, TECHNICAL & OPERATING EQUIP.		$2,204,936	$2,204,936		$2,204,936
VEHICLES		$1,277,000	$1,277,000		$1,277,000
DEBT SERVICE		$114,387,617	$114,387,617		$114,387,617
INDIRECT CITY OVERHEAD		$2,958,000	$2,958,000		$2,958,000
DIRECT COUNTY OVERHEAD		$301,420	$301,420		$301,420
INDIRECT COUNTY OVERHEAD		$181,892	$181,892		$181,892
TOTAL	**$53,432,874**	**$182,978,884**	**$236,411,758**	**$2,074,737**	**$238,486,495**

1. **Design** = 1 resolution - authorizing preparation of detailed plans, specifications, and estimate of cost and appropriating funds for the same.
2. **Add'l Design** = 1 resolution - appropriating additional funds for design.
3. **Easement /Real Property Appropriation** = 3 resolutions - approving detailed plans, specifications and estimate of cost; declaring project necessity and intent to proceed with construction; appropriating easements or full fee takes.
4. **Construction** = 4 resolutions – approving detailed plans, specifications and estimate of cost; declaring project necessity and intent to proceed with construction; appropriating funds for construction; authorizing project advertisement & bid.
5. **Add'l Construction** = 3 resolutions – amending approved detailed plans, specifications and estimate of cost; amending project necessity and proceed resolutions; appropriating add'l funds for construction.
6. **Amend CIP** = 1 resolution – adding proposed project to program year Capital Improvement Plan.
7. **Other** = Resolutions not covered above. Purpose is listed.

PROJECT PURPOSE *(cont.)*:

The submitted 2017 operating budget reflects that:

- The budget is presented as a "base" budget totaling $236.4M and a series of budget "exceptions" requests totaling $2M.
- The 2017 operating budget, including the exceptions, is only $482,495 or 0.20% higher than the 2016 approved budget.
- About 48% or $114.4M of the operating budget is allocated to pay debt service related to consent decree driven and other capital improvements;
- $46.9M or 20% of the requested budget is allocated to MSD's wastewater treatment operation ("WWT")
- $20.2M or 8% of the requested budget is allocated to MSD's wastewater collection operation ("WWC")
- The MSD personnel budget request reflects the management efforts in hiring staff to eliminate the use of supplemental staff (+2.23M), several rounds of salary adjustments per union contracts negotiation and as approved by Cincinnati City Council (+2.96M), and vacancy credit reduction (-$1.6M)
- The non-Personnel base budget is decreased by $0.6M comprised of -$3M savings due to eliminations of supplemental staff and +$2.4M increase due to cost of services.
- The non-Personnel exceptions budget request totaling $2M reflects the following, most of which are new mandates or funds previously appropriated as part of the MSD capital budget:
  - +$.32M Monthly billing requirement
  - +$.38M New Duke Energy Rider as approved by the PUCO – mandate
  - +$.44M New Hydraulic Modeling previously paid out of Capital Funds
  - +$.15M Water Quality sampling, required by OEPA under NPDES permit
  - +$.395M Monitoring and Maintenance of new assets
  - +$.143 SCADA Maintenance
  - +$.20M Mixing zone sampling at Little Miami; and

The proposed operating budget ***without*** debt service is $124,098,878.

The Board will hold public hearings on the MSD 2017 Operating Budget on December 7, 2016 and December 14, 2017, thereby affording all interested parties the opportunity to comment. The hearings were advertised in the Cincinnati Enquirer on November 26, 2016 and December 3, 2016.

BACKGROUND DATA, SCHEDULES, AND BUDGET:

PRIOR LEGISLATION:

N/A

FUTURE LEGISLATION

☐	Approving detailed plans, specifications, and estimate of cost	☐	Necessity / Proceed Resolution
☐	Appropriating funds	☐	Advertise and bid
☒	OTHER: NONE ANTICIPATED AT THIS TIME		

BACKGROUND DATA, SCHEDULES, AND BUDGET *(cont.)*:

CONSTRUCTION:

N/A

FUNDING REQUEST

Total Estimated Cost:	$236,411,758	(without exceptions)
	$238,486,495	(with exceptions)
Current Request:	**$238,486,495**	(for 2017 MSD operations)
Programmatic Contingency	☐ YES	☒ NO

BUDGET SPECIFICS:

N/A

city of
CINCINNATI
OFFICE OF THE
CITY MANAGER
Harry Black, City Manager

November 28, 2016

Honorable Board of County Commissioners
Hamilton County, Ohio
% Mr. Jeff Aluotto
Hamilton County Administrator
County Administration Building
138 E. Court Street, Room 603
Cincinnati, Ohio 45202

Honorable Commissioners:

Attached for your consideration is a revised resolution adopting the Metropolitan Sewer District of Greater Cincinnati's 2017 Operating Budget. The request is to appropriate $238,486,495 for the projected and planned management and operational expenses of the sewer district during 2017.

The first public hearing will be held on December 7, 2016, affording the opportunity for comment from all interested parties to the Board of County Commissioners. A second public hearing is scheduled to be held on December 14, 2016.

RECOMMENDED:

Gérald R. Checco
Director, MSD

Approved:

Harry Black
City Manager

Provided to the Hamilton County Clerk of the Board on 12.1.16.

Reviewed by _____, and recommended by County Administration.

On motion of Mr. _____, seconded by Mr. _____, the following resolution was adopted....

801 Plum Street, Suite 152 · Cincinnati, Ohio 45202-5706
P 513 352 3241 · F 513 352 6284 · www.cincinnati-oh.gov

MSD RESOLUTION

APPROVING AND ADOPTING A 2017 OPERATING BUDGET FOR
THE METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI
HAMILTON COUNTY, OHIO

WHEREAS, the Director of the Metropolitan Sewer District of Greater Cincinnati ("MSD") and the City of Cincinnati Department of Sewers has submitted to the Board of County Commissioners of Hamilton County, Ohio (the "Board") an operating budget for calendar year 2017 for the Metropolitan Sewer District; and

WHEREAS, the submitted 2017 operating budget reflects that:

- The budget is presented as a "base" budget totaling $236.4M and a series of budget "exceptions" requests totaling $2M.
- The 2017 operating budget, including the exceptions, is only $482,495 or 0.20% higher than the 2016 approved budget.
- About 48% or $114.4M of the operating budget is allocated to pay debt service related to consent decree driven and other capital improvements;
- $46.9M or 20% of the requested budget is allocated to MSD's wastewater treatment operation ("WWT")
- $20.2M or 8% of the requested budget is allocated to MSD's wastewater collection operation ("WWC")
- The MSD personnel budget request reflects the management efforts in hiring staff to eliminate the use of supplemental staff (+2.23M), several rounds of salary adjustments per union contracts negotiation as approved by Cincinnati City Council (+2.96M), and vacancy credit reduction (-$1.6M)
- The non-Personnel base budget is decreased by $0.6M comprised of -$3M savings due to eliminations of supplemental staff and +$2.4M increase due to cost of services.
- The non-Personnel exceptions budget request totaling $2M reflects the following, most of which are new mandates or funds previously appropriated as part of the MSD capital budget:
    - +$.32M Monthly billing requirement
    - +$.38M New Duke Energy Rider as approved by the PUCO – mandate
    - +$.44M New Hydraulic Modeling previously paid out of Capital Funds
    - +$.15M Water Quality sampling, required by OEPA under NPDES permit
    - +$.395M Monitoring and Maintenance of new assets
    - +$.143 SCADA Maintenance
    - +$.20M Mixing zone sampling at Little Miami; and

WHEREAS, this Board has reviewed said 2017 MSD operating budget, and held a duly noticed public hearing on December 7, 2016 and December 14, 2016 for the 2017 MSD operating budget; and

WHEREAS, this Board did conclude, on _____, said public hearings on said 2017 MSD operating budget; and

WHEREAS, estimated operating revenues for the year beginning January 1, 2017 through December 31, 2017 and unappropriated funds available for use by MSD are sufficient to meet the requirements of the aforesaid operating budget; and

NOW THEREFORE BE IT RESOLVED, by the Board of County Commissioners of Hamilton County, Ohio, that the aforesaid operating budget for the year beginning January 1, 2017 through December 31, 2017, be and hereby is adopted and appropriated as follows:

OPERATION	2017 PERSONNEL SERVICES	2017 NON-PERSONNEL EXPENSES	2017 TOTAL BUDGET (without Exceptions)	Exceptions	2017 TOTAL BUDGET (with Exceptions)
OFFICE OF DIRECTOR	$1,976,169	$2,067,479	$4,043,648		$4,043,648
WASTEWATER ENGINEERING	$7,752,205	$776,251	$8,528,456		$8,528,456
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OFFICE, TECHNICAL & OPERATING EQUIP.		$2,204,936	$2,204,936		$2,204,936
VEHICLES		$1,277,000	$1,277,000		$1,277,000
DEBT SERVICE		$114,387,617	$114,387,617		$114,387,617
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INDIRECT COUNTY OVERHEAD		$181,892	$181,892		$181,892
TOTAL	**$53,432,874**	**$182,978,884**	**$236,411,758**	**$2,074,737**	**$238,486,495**

BE IT FURTHER RESOLVED, that the Clerk of this Board be and hereby is directed to certify copies of this resolution to Jeff Aluotto, Interim Hamilton County Administrator; John Cranley, Mayor, City of Cincinnati; the Council of the City of Cincinnati in care of the Clerk of Council; Harry Black, Cincinnati City Manager; and Gérald R. Checco, Director of the Metropolitan Sewer District of Greater Cincinnati.

BE IT FURTHER RESOLVED, that this Board of County Commissioners hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of the Board of County Commissioners, and that all deliberations of this Board of County Commissioners and of its committees, if any, which resulted in formal action were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio, this _____ day of _____, 2016

Mr. Deters _____ Mr. Monzel _____ Mr. Portune _____

CERTIFICATE OF CLERK

IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of a resolution adopted by the Board of County Commissioners in session this _____ day of _____, 2016.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of the Office of the Board of County Commissioners of Hamilton County, Ohio this _____ day of _____, 2016.

_____

Jacqueline Panioto, Clerk
Board of County Commissioners
Hamilton County, Ohio

METROPOLITAN SEWER DISTRICT of greater CINCINNATI

2017

2017 Operating Budget Request

Balanced and Workable Budget to enable MSDGC to accomplish its mission to protect and enhance water quality and the environment by providing safe and efficient wastewater collection and treatment to customers.

MSDGC 2017 Operating Budget Request

November 22, 2016

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Executive Summary

In accordance with the executed 1968 Agreement and the July 1997 Agreement between the City of Cincinnati and Hamilton County, the Metropolitan Sewer District of Greater Cincinnati (MSDGC) is presenting its 2017 balanced Operating Budget request. This recommended budget represents funding at a continuation budget level that allows fulfillment of MSDGC's pledge to preserve its resources and keep the utility financially sound in times of increasing fiscal challenges.

MSDGC's Operating Budget request for 2017 is $238.5 million. This budget request is only $482,495 or 0.2% higher than the 2016 approved budget. MSDGC Operating revenue for 2017 is projected to be nearly $288 million. This revenue assumes a 5.25% rate increase in 2017. This rate increase projection is based on 2016's preliminary rate study. An updated rate study is projected to be completed later this fall.

The Operating Budget includes debt service and operations. Debt service represents a substantial amount of the 2017 Operating Budget; about $11.4 million or 48.4% of the Operating Budget is allocated to pay debt service related to consent decree and other capital improvements. Operations and Maintenance represents $124 million or 51.6% of the Operating Budget.

For Operations and Maintenance, $46.8 million or 19.8% of the requested budget is allocated to Waste Water Treatment (WWT), $20.2 million or 8.5% is allocated for Waste Water Collection (WWC), and $8.5 million or 3.6% is allocated to Engineering. All divisional budgets outlined in this request allow MSDGC to fulfill its core functions of wastewater collection and wastewater treatment that supports meeting obligations under the Clean Water Act and the expectations of our customers and ratepayers.

2017's Operating Budget request is based on past years' spending levels, forecasted needs, and the professional judgment of licensed operators, engineers, and certified technicians. Without the assurance of an adequate budget up-front, it is very difficult to manage the utility operation given the complex technical, regulatory and weather dependent challenges MSDGC operates within. The process to legislate additional operating funds near the end of the year is extremely inefficient and a cumbersome method for meeting requirements in a timely manner. In the past, without sufficient funds available to cover operating expenses, necessary work or other costs were required to be deferred to the next year's budget.

The submitted 2017 operating budget reflects that:

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union contracts negotiation and as approved by Cincinnati City Council (+2.96M), and vacancy credit reduction (-$1.6M)

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  - +$.15M Water Quality sampling, required by OEPA under NPDES permit
  - +$.395M Monitoring and Maintenance of new assets
  - +$.143 SCADA Maintenance
  - +$.20M Mixing zone sampling at Little Miami
  - Appendix A provides a full list and details of this additional need and request.

MSDGC has experienced cuts to the expert service budget over the years. This trend is having detrimental impacts to the operational systems. Continuing to cut this budget will further increase the costs for repair and replacement when there are failures or breaks in systems that are old and outdated. It's important to note that expert services are a necessary resource that helps optimize and sustain existing investments to improve operations and enhance efficiencies, often to extend the useful life or utilization of assets.

MSDGC remains committed to providing our rate payers and the residents of Hamilton County the best service and best use of their money. MSDGC employees deliver on that commitment through their experience, dedication and continued hard work.

Mission

The mission of MSDGC is to protect public health and the environment by providing safe and efficient wastewater collection and treatment to our customers.

Operations

- The Sewer service area covers approximately 290 square miles and encompasses most of Hamilton County and part of three surrounding counties in southwestern Ohio.
- MSDGC provides wastewater collection and treatment through over 200,000 residential, commercial, and industrial sewer connections
- MSDGC operates and maintains over 3,000 miles of sanitary and combined sewers, seven major wastewater treatment plants, two package treatment plants, and more than 100 pump stations.

2016 Accomplishments

MSDGC accomplishments in 2016 define and demonstrate staff's commitment to the utility's mission. This 2017 budget request will allow MSDGC to build upon these accomplishments and position the District well for future challenges it faces.

- For the period of 2015-2017, the Metropolitan Sewer District of Greater Cincinnati (MSDGC) has once again been awarded the 2015 Platinum Excellence in Management by the National Association of Clean Water Agencies (NACWA). This unique honor is only presented to the "best in class utilities" in the United States. MSDGC received this highest level of honor for utilities by meeting or exceeding nine of the ten Attributes of Effectively Managed Water Sector Utilities and complying with four Resource Efficiency and Protection Activities. The 10 attributes of Effective Utility Management are:

    1. Product Quality
    2. Financial Viability
    3. Customer Satisfaction
    4. Employee and Leadership Development
    5. Operational Optimization
    6. Infrastructure Stability
    7. Operational Resiliency
    8. Community Sustainability
    9. Water Resource Adequacy
    10. Stakeholder Understanding and Support

  The Resource Efficiency and Protection Activities that MSDGC was recognized for include:

    - Energy Management
    - Water Resources Recycling and Stormwater Management
    - Pretreatment
    - Biosolids/Septage/Residuals Management
    - Climate Change Adaptation or Mitigation

- MSDGC was awarded the 2015 National Design-Build Award of Merit from the Design-Build Institute of America (DBIA) for its CSO 551 and 553 Sewer Separation Project at Oakley Station in Oakley.

- MSDGC's trenchless technology methods, such as cured in place pipe and jack and bore, were featured in the November 2015 national publication of *Trenchless Technology* magazine.

- The Metropolitan Sewer District of Greater Cincinnati's Little Miami Treatment Plant received the 2016 George W. Burke Award from the Water Environment Federation for its safety program.

- MSDGC Director Gérald Checco won 2016 Earth Day Environmental Award for his environmental advocacy in both his professional and personal life.

- MSDGC hosted U. S. Environmental Protection Agency Deputy Assistant Administrator for the Office of Water, Joel Beauvais, for a tour of the Lick Run Project.

- In 2016, the Metropolitan Sewer District of Greater Cincinnati's Indian Creek and Muddy Creek Wastewater Treatment Plants received honors from the National Association of Clean Water Agencies (NACWA). Indian Creek and Muddy Creek were both awarded the Platinum 5 Peak Performance award for 5 years of consecutive 100% compliance with the National Pollutant Discharge Elimination System (NPDES) permit.

Treatment plants

MSDGC operates wastewater treatment plants 24/7 to meet federal, state and local requirements to protect public health and welfare of our ratepayers, employees and citizens of the region. MSDGC has an experienced workforce that operates and maintains operations at the following NPDES permitted facilities:

- **The Mill Creek** Wastewater Treatment Plant, originally constructed in 1957 with major upgrade adding Secondary in 1979. Average flow ~ 100 MGD

- **The Little Miami** Wastewater Treatment Plant, originally constructed in 1954 with major upgrade adding Secondary in 1979. Average flow ~ 27 MGD

- **The Muddy Creek** Wastewater Treatment Plant, originally constructed in 1960 with major upgrade adding Secondary in 1971. Average flow ~ 15 MGD

- **The Sycamore** Wastewater Treatment Plant, originally constructed in 1957 with major upgrade and addition of HRT in 2008. Average flow ~ 8 MGD

- **The Polk Run** Wastewater Treatment Plant, originally constructed in 1970 with major upgrade in 1988. Average flow ~ 4 MGD

- **The Taylor Creek** Wastewater Treatment Plant, originally constructed in 1992. Average flow ~ 2.5 MGD

- **The Indian Creek** Wastewater Treatment Plant, originally constructed in 1935 as a WPA project with major upgrades in 1977 & 1995. Average flow ~ 1.0 MGD

Department Programs and Divisions (see Appendix B – Organization Charts)

MSDGC is organized into 8 different programmatic areas; following a summary of the 2017 budget request is a summary of each area with more details on staffing and priorities for the coming year.

1.	**Office of the Director**	**OOD**
2.	**Wastewater Engineering**	**WWE**
3.	**Wastewater Administration**	**WWA**
4.	**Wastewater Treatment**	**WWT**
5.	**Wastewater Collection**	**WWC**
6.	**Regulatory Compliance & Safety**	**RCS**
7.	**Watershed Operation**	**WO**
8.	**Sewer Backup Response Program**	**SBU**

2017 Operating Budget Request

2017 Operating Budget Request

Program	2016 Budget	2016 Full Year Projection (3rd qtr. Proj.)	2017 Budget Request (withot Exceptions)	2017 Exceptions	2017 Total Budget (with Exceptions)	Variances (2016 Budget to 2017 Request) $	Variances (2016 Budget to 2017 Request) %
Personnel	**$49,841,000**	**$47,280,479**	**$53,432,874**	**$0**	**$53,432,874**	**$3,591,874**	**7.2%**
OOD	$1,823,247	$1,750,227	$1,976,169	$0	$1,976,169	$152,922	8.4%
WWE	$6,508,938	$6,679,904	$7,752,205	$0	$7,752,205	$1,243,267	19.1%
WWA	$6,577,182	$5,950,802	$6,812,776	$0	$6,812,776	$235,594	3.6%
WWT	$18,922,422	$17,973,307	$19,393,502	$0	$19,393,502	$471,080	2.5%
WWC	$10,345,938	$9,331,126	$10,348,545	$0	$10,348,545	$2,607	0.0%
RCS	$4,721,888	$4,116,545	$5,048,171	$0	$5,048,171	$326,283	6.9%
WO	$506,174	$1,158,675	$1,243,612	$0	$1,243,612	$737,438	145.7%
SBU	$435,211	$319,893	$857,894	$0	$857,894	$422,683	97.1%
Non-Personnel	**$62,270,873**	**$69,987,827**	**$61,668,019**	**$2,074,737**	**$63,742,756**	**$1,471,883**	**2.4%**
OOD	$2,036,125	$2,321,445	$2,067,479		$2,067,479	$31,354	1.5%
WWE	$817,579	$817,314	$776,251		$776,251	($41,328)	-5.1%
WWA	$9,159,105	$8,556,066	$9,545,625	$694,827	$10,240,452	$1,081,347	11.8%
WWT	$27,470,567	$26,105,282	$27,470,567	$0	$27,470,567		
WWC	$10,064,321	$9,714,777	$9,855,753	$0	$9,855,753	($208,568)	-2.1%
RCS	$2,087,190	$1,836,957	$2,035,493	$200,000	$2,235,493	$148,303	7.1%
WO	$5,766,326	$5,766,326	$6,051,608	$1,179,910	$7,231,518	$1,465,192	25.4%
SBU	$4,869,660	$14,869,660	$3,865,243		$3,865,243	($1,004,417)	-20.6%
City and County Overhead	**$3,373,835**	**$2,784,583**	**$3,441,312**		$3,441,312	$67,477	2.0%
Vehicles	**$1,277,000**	**$1,277,000**	**$1,277,000**		$1,277,000	$0	0.0%
OTEA	**$2,137,292**	**$2,137,292**	**$2,204,936**		$2,204,936	$67,644	3.2%
Total Without Debt Payment	**$118,900,000**	**$123,467,181**	**$122,024,141**	**$2,074,737**	**$124,098,878**	**$5,198,878**	**4.4%**
Debt Payment	**$119,104,000**	**$102,846,858**	**$114,387,617**		$114,387,617	($4,716,383)	-4.0%
Total With Debt Payment	**$238,004,000**	**$226,314,038**	**$236,411,758**	**$2,074,737**	**$238,486,495**	**$482,495**	**0.20%**

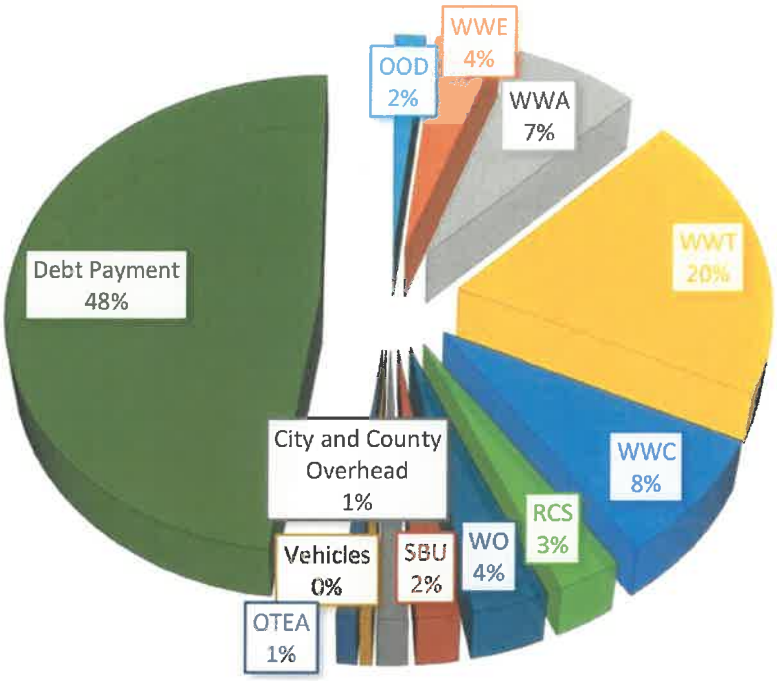
Actual (2011-2015) vs. 2016 Budget and 2017 "base" Request

			Actual					Budget	Projected	"base" Request
Type	DEPT	App	2011	2012	2013	2014	2015	2016	2016	2017
Personnel			$33,335,399	$45,154,712	$46,148,215	$45,206,689	$43,642,016	$49,841,000	$49,777,558	$53,432,874
	OOD		$830,789	$1,002,819	$1,080,354	$1,385,778	$2,106,338	$1,823,247	$1,952,752	$1,976,169
		71	$830,789	$653,378	$744,705	$1,014,269	$1,591,701	$1,370,329	$1,406,184	$1,478,082
		75		$349,441	$335,649	$371,509	$514,637	$452,918	$546,568	$498,088
	WWE		$4,629,430	$5,986,600	$5,860,391	$7,697,533	$6,522,027	$6,508,938	$7,652,874	$7,752,205
		71	$4,629,430	$3,560,590	$3,971,960	$5,581,278	$5,024,572	$4,701,718	$5,292,100	$5,665,939
		75		$2,426,010	$1,888,430	$2,116,256	$1,497,455	$1,807,220	$2,360,774	$2,086,265
	WWA		$4,344,457	$5,994,317	$5,936,797	$5,187,432	$5,377,536	$6,577,182	$6,349,819	$6,812,776
		71	$4,344,457	$4,135,205	$4,087,230	$3,750,973	$4,091,484	$4,857,346	$4,475,361	$5,009,258
		75		$1,859,113	$1,849,567	$1,436,459	$1,286,052	$1,719,836	$1,874,458	$1,803,517
	WWT		$14,071,730	$19,618,187	$19,841,130	$18,451,915	$17,307,666	$18,922,422	$18,832,628	$19,393,502
		71	$14,071,730	$13,269,342	$13,308,737	$12,929,089	$12,689,830	$13,649,906	$12,981,173	$14,022,917
		75		$6,348,846	$6,532,393	$5,522,826	$4,617,836	$5,272,516	$5,851,455	$5,370,586
	WWC		$6,729,608	$9,000,095	$9,838,132	$9,140,071	$8,775,082	$10,345,938	$9,149,021	$10,348,545
		71	$6,729,608	$5,838,747	$6,572,953	$6,311,083	$6,383,832	$7,528,180	$6,083,584	$7,426,038
		75		$3,161,347	$3,265,179	$2,828,988	$2,391,250	$2,817,758	$3,065,437	$2,922,507
	RCS		$2,729,385	$3,552,695	$3,591,412	$3,343,959	$3,553,366	$4,721,888	$4,411,272	$5,048,171
		71	$2,729,385	$2,426,722	$2,413,792	$2,344,040	$2,614,363	$3,306,660	$3,054,601	$3,623,225
		75		$1,125,972	$1,177,620	$999,919	$939,004	$1,415,228	$1,356,671	$1,424,946
	WO					$0	$0	$506,174	$1,134,241	$1,243,612

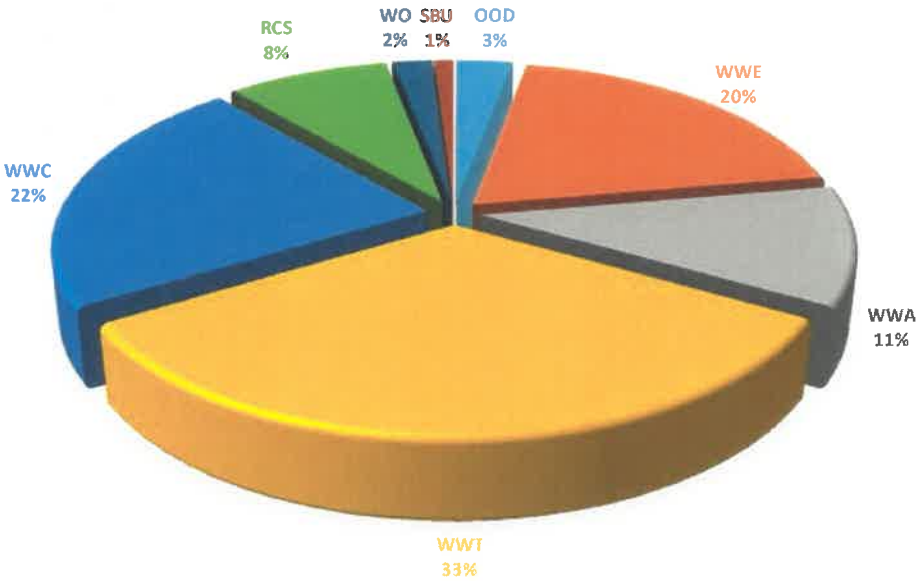
	71				$0	$0	$362,829	$840,542	$929,102
	75				$0	$0	$143,345	$293,698	$314,510
SBU							$435,211	$294,953	$857,894
	71						$324,514	$207,133	$616,571
	75						$110,697	$87,820	$241,323
Non- Personnel		$67,141,374	$42,193,597	$59,576,941	$55,359,655	$49,653,992	$62,749,708	$61,610,829	$61,668,018
OOD		$1,649,896	$958,534	$13,562,870	$2,349,535	$2,392,592	$2,509,960	$1,768,325	$2,067,479
	72	$992,479	$615,065	$11,146,796	$1,940,370	$1,824,903	$1,871,050	$1,409,037	$1,415,790
	73	$39,987	$27,320	$17,879	$18,670	$19,110	$27,510	$28,392	$28,060
	74	$617,430	$316,149	$2,398,194	$390,495	$548,579	$611,400	$330,896	$623,628
WWE		$2,750,713	$669,974	$641,065	$719,161	$480,495	$817,579	$765,967	$776,251
	72	$643,097	$396,422	$394,557	$428,439	$307,028	$532,279	$527,418	$458,082
	73	$107,494	$126,646	$99,024	$91,305	$50,608	$93,302	$54,987	$117,711
	74	$2,000,123	$146,906	$147,484	$199,417	$122,859	$191,998	$183,562	$200,458
WWA		$11,646,098	$8,535,437	$8,585,613	$8,971,020	$7,579,073	$9,159,105	$9,753,894	$9,545,625
	72	$7,564,708	$6,094,769	$5,658,850	$6,245,268	$5,010,528	$6,347,661	$6,983,416	$6,402,001
	73	$328,085	$252,389	$493,615	$342,205	$194,162	$237,131	$183,606	$252,919
	74	$3,753,305	$2,188,279	$2,433,148	$2,383,548	$2,374,383	$2,574,313	$2,586,872	$2,890,706
WWT		$32,436,236	$22,755,018	$23,739,557	$22,662,020	$21,113,615	$27,470,567	$28,399,968	$27,470,567
	72	$17,877,460	$14,843,899	$15,803,522	$15,243,311	$14,348,270	$17,758,639	$19,929,272	$18,366,785
	73	$8,317,253	$7,292,274	$7,396,407	$6,474,102	$6,162,369	$8,816,210	$7,625,803	$8,219,734
	74	$6,241,524	$618,845	$539,629	$944,607	$602,976	$895,718	$844,893	$884,048
WWC		$11,478,385	$5,863,438	$7,295,637	$11,739,441	$9,705,550	$10,069,321	$8,502,085	$9,855,753
	72	$6,278,600	$4,035,079	$5,125,556	$9,638,972	$7,876,900	$8,058,201	$6,161,486	$7,729,896
	73	$2,374,523	$1,783,197	$2,042,211	$2,033,670	$1,757,555	$1,847,370	$2,099,163	$1,884,317

	74	$2,825,262	$45,163	$127,869	$66,798	$71,095	$163,750	$241,437	$241,539
RCS		$2,624,985	$868,958	$1,092,470	$1,331,383	$1,293,319	$2,087,190	$1,977,848	$2,035,493
	72	$957,682	$374,877	$609,930	$788,536	$745,275	$1,413,710	$1,292,859	$1,275,613
	73	$559,048	$476,343	$463,101	$527,325	$529,620	$633,250	$638,750	$726,729
	74	$1,108,255	$17,738	$19,439	$15,521	$18,424	$40,230	$46,239	$33,150
WO		$4,555,061	$2,542,238	$4,659,730	$7,587,097	$7,089,348	$5,766,326	$5,838,125	$6,051,608
	72	$3,425,169	$1,785,230	$3,852,681	$6,795,557	$6,071,298	$4,918,026	$4,990,265	$5,140,027
	73	$1,455	$290	$53,712	$149,285	$424,122	$493,300	$492,860	$514,626
	74	$1,128,436	$756,718	$753,337	$642,255	$593,927	$355,000	$355,000	$396,955
SBU							$4,869,660	$4,604,616	$3,865,243
	72						$4,239,660	$4,357,158	$3,222,643
	73						$68,700	$68,700	$70,074
	74						$561,300	$178,759	$572,526
County/GFOH		$2,442,786	$2,333,767	$1,937,092	$2,886,760	$2,571,104	$2,900,000	$3,250,195	$3,441,312
Automotive Equipment		$1,824,344	$1,346,722	$1,946,162	$1,728,451	$1,160,986	$1,277,000	$1,277,000	$1,277,000
OTEA		$2,576,608	$1,291,496	$2,157,635	$3,282,670	$1,857,985	$2,137,292	$2,137,292	$2,204,936
Total without Debt Payment		**$107,320,510**	**$92,320,295**	**$111,766,046**	**$108,464,225**	**$98,886,082**	**$118,905,000**	**$118,052,874**	**$122,024,140**
Debt Payment		$77,652,201	$80,596,477	$89,943,952	$96,535,606	$102,355,832	$119,104,000	$111,226,790	$114,387,617
Grand Total		**$184,972,711**	**$172,916,772**	**$201,709,999**	**$204,999,831**	**$201,241,914**	**$238,009,000**	**$229,279,664**	**$236,411,757**

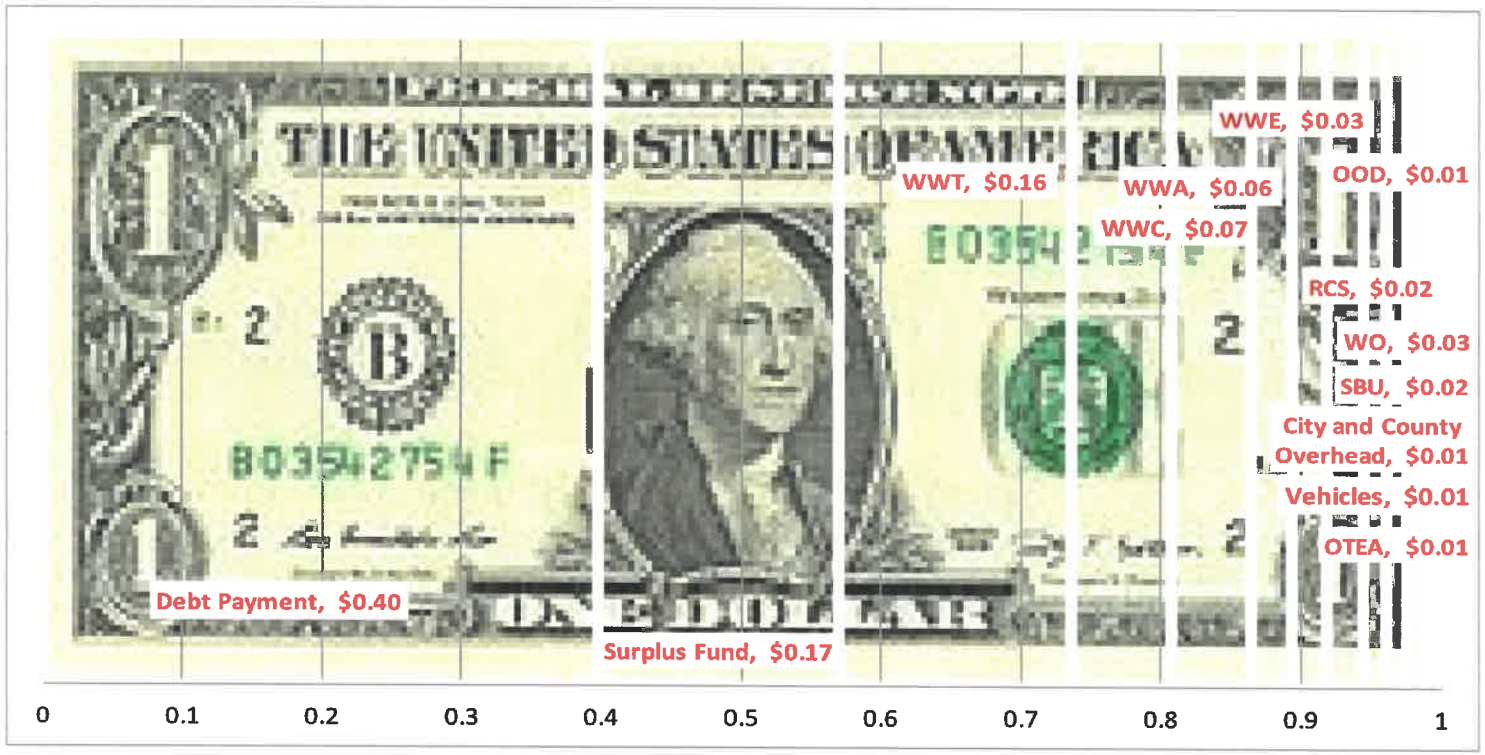
2017 REQUEST



2017 FT



How did MSDGC budget each dollar of Operating Revenue resources for 2017?



2017 Budget Request Highlights

- 2017 Budget Request is higher than the 2016 approved budget by $139,423 or 0.1 %.

- 48.4% of the budget is for debt payments, while the other 51.6% is for O&M costs (of which 43.3% or $53.1 million is for Personnel and 56.7% or $69.5 million is for Non-Personnel)

- Funding is included in 2017 for the following:
  - $2,885,000 Sludge hauling
  - $5,000,000 Sewer Condition Assessment and Cleaning
  - $100,000 Sewer Backup Customer Services
  - $2,000,000 Sewer Backup Prevention Program
  - $1,000,000 Sewer Backup Cleaning Contractors
  - $1,550,000 Remote field monitoring equipment Services
  - $2,000,000 Expansion of the wet weather operational capabilities through use of the Wet Weather SCADA System.

- Funding for a total of $13.4 million is included to fund various Expert Services (7289) contracts for all programs. This a reduction of $1.6 million from 2016 approved budget.

- Funding for a total of $7.6 million is included to fund various Sundry Contractual Services (7299) contracts for all programs (this is an increase of $900K from 2016 approved budget). Which include, but are not limited to -
  - Sludge Hauling
  - Landscaping services
  - Landfill Services & fees
  - Sewer Backup Cleaning Contractors

2017 Personnel Budget Summary

Status	# of Positions	Capital Fund	Operating Fund	PVA $	Total Personnel if Funded 100%
Filled *(by end of 2016)*	610	$6,629,484	$45,353,942		$51,983,426
Vacant (60 FT not to be filled, 43 FT @50%)	103	$256,885	$1,999,713	$6,089,405	$8,346,002
Filled/Supplemental to in-house	24	$212,570	$1,881,739		$2,094,309
Vacant/Supplemental to in-house	22	$956,003	$348,291	$1,038,387	$2,342,680
CO-OP	22	$6,241	$399,694	$405,935	$811,870
OT			$2,668,960		$2,668,960
Procurement Staff	8		$780,536		$780,536
Grand Total	**789**	**$8,061,183**	**$53,432,874**	**$7,533,727**	**$69,027,784**

Non-Personnel Summary (change from 2016 adopted Budget to 2017 requested Budget)

Non-Personnel	Change from 2016 Budget (Adopted) to 2017 Budget (Requested)								
OBJ/Item	OOD	WWE	WWA	WWT	WWC	RCS	WO	SBU	Total
Inflation	$20,623	$10,919	$36,423	$456,918	$86,446	$26,661	$21,027	$15,005	$674,021
7232 - Printing And Other Repro			$10,355						$10,355
7234 - Advertising Of Legal Noti			$12,852						$12,852
7241 - Gas		$2,200		($128,745)					($126,545)
7246 - Sewerage Service Charges				$43,470					$43,470
7247 - Water Meter Service				$34,780					$34,780
7248 - Power				$371,428			$21,880		$393,308
7253 - Technical Repairs						$17,687			$17,687
7271 - Building Cleaning		$85,000		($103,000)		$18,000			
7279 - Cleaning-Waste Removal -		$45,000		($45,000)					
7289 - Expert Services-Noc		($270,000)		($122,301)	($31,895)		($40,000)	($939,000)	($1,403,196)
7297 - Temporary Personnel Servi				($154,000)		($60,471)			($214,471)
7299 - Sundry Contractual Servic			$19,600	$911,800	$17,367	($16,000)	$359,900	($80,422)	$1,212,245
7315 - Minor Office Equipment <$			$13,407						$13,407
7342 - Laboratory Supplies						$11,160			$11,160
7359 - Chemicals - Noc				($790,000)			$4,820		($785,180)
7364 - Wearing Apparel		$16,450				$33,246			$49,696
7383 - Technical Equipment Parts						$33,246			$33,246
7415 - Office MacHinery Rent			$65,657						$65,657
7417 - Data Comm Equipment Rent			$27,000						$27,000
7418 - Software & License Fees			$185,876		$74,514				$260,390
7434 - Tuition Reimbursement			$15,712						$15,712
7452 - Subscriptions & Membershi							$32,800		$32,800
7457 - Taxes		$73,000							$73,000
Others (based on Historical Trend)	$10,731	($3,897)	($361)	($475,350)	($355,000)	($115,226)	($115,145)	$0	($1,054,249)
Total Changes from 2016 Budget to 2017 Budget	**$31,354**	**($41,328)**	**$386,520**	**$0**	**($208,568)**	**($51,697)**	**$285,282**	**($1,004,417)**	**($602,854)**

Office of the Director OOD

The Office of the Director manages the department's centralized support services along with the overall leadership of the organization to identify and track performance metrics, implement consistent organizational goals and policies, ensure high level of service to continuously improve customer service and environmental and public health projection across all MSDGC divisions. OOD also coordinates consent decree planning and coordination, legislative needs, as well as, communication efforts internally and externally. All of these areas will be enhanced in 2017 to ensure efforts are coordinated and aligned with organizational goals and key performance indicators.

OOD – Personnel

The 2017 requested budget includes $1.98 million for personnel cost. This represents 19 FT positions of which two vacancies are projected to be filled in 2017. This budget reflects inter-department transfers and elimination of some supplemental staff.

Status	Title	#
Filled		16
	Administrative Specialist	1
	Administrative Specialist-EXM	2
	Administrative Technician	1
	Administrative Technician-EXM	1
	Asst Treatment Supt-EXM	1
	Chief Counsel-EXM	1
	Deputy Director Water & Sewer	2
	Senior Admin Spec-EXM	2
	Senior Asst City Solicitor-EXM	1
	Sewers Director	1
	Supervising Management Analyst	1
	Supvg Management Analyst-EXM	2
Filled/Supplemental Staff Elimination		1
	Senior Admin Spec-EXM	1
Vacant		2
	Environmental Programs Mgr-EXM	1
	Senior Admin Spec-EXM	1
Grand Total		**19**

OOD – Non-Personnel

Total non-personnel budget is $2.07 million, which is only $31K or 1.5% higher than 2016 budget. This is 16% or $325K lower than 2015 actual expenditures. This budget includes, but is not limited to the following:

- $21K Utilities (Power, Gas, Water, Phone)
- $64.2K Staff Development
- $311K Subscriptions & Membership
- $21K Supplies
- $805K Expert Services

Wastewater Engineering WWE

The Engineering Division of MSDGC is charged with planning, design, right-of-way procurement and construction of MSDGC's capital improvement program (CIP). In addition, the Engineering Division houses MSDGC's Document Control, Development Services, QA/QC Asset Management Program implantation for the Treatment Division and the Lower Mill Creek Partial Remedy (LMCPR) Program Management. The LMCPR is the finalization of Phase 1 of the Consent Decree with the largest project being the Valley Conveyance Project estimated at over $100,000,000. MSDGC's CIP is a very large and complex program to implement. The pressing need for asset renewal and strict federal consent decree deadlines require substantial effort and coordination to effectively achieve project goals and objectives while maintaining proper and prudent facility operation and regulatory compliance. The proper planning of projects as well as a roadmap toward asset management replacement is critical in the future operation of the Department.

The Engineering Division's goal is to provide quality and on-time, on-budget, and on-scope engineering services to internal and external customers - primarily Wastewater Collections, Wastewater Treatment, Watershed Operations, and the Regulatory Compliance and Safety Divisions.

WWE – Personnel

The 2017 O&M budget includes $7.8 million for Personnel cost. This represents 150 FT positions of which 30 vacancies are projected to be filled in 2017. This budget reflects the following reductions:

- This budget reflects inter-department transfers and elimination of some supplemental staff.
- Reduction of $4.9 million capital funding (CIP)

Status	Title	#
Filled		**119**
	Administrative Specialist-EXM	2
	Administrative Technician-EXM	6
	Asst Treatment Supt-EXM	1
	Civil Engineering Technician 1	1
	Civil Engineering Technician 2	7
	Civil Engineering Technician 3	7
	Clerk Typist 3	1
	Engineering Technical Spvr	2
	Engineering Technical Spvr	1
	Principal Engineer	2
	Principal Engineer-EXM	4
	Public Works Inspector 2	10
	Reproduction Machine Operator	1
	Senior Admin Spec-EXM	2
	Senior Engineer	7
	Senior Engineer-EXM	24

	Senior Engineering Tech-EXM	1
	Senior Engineering Technician	7
	Sewer Construction Inspector	14
	Sewers Chief Engineer-EXM	1
	Supervising Engineer	2
	Supervising Engineer-EXM	7
	Supervising Real Property Spec	1
	Supervising Surveyor	1
	Surveyor	3
	Engineering Technical Spvr-EXM	1
	Senior Real Property Specialist	3
Filled/Supplemental Staff Elimination		**1**
	Supervising Management Analyst	1
Vacant		**15**
	Civil Engineering Technician 1	1
	Civil Engineering Technician 2	2
	Civil Engineering Technician 3	1
	Senior Engineer-EXM	4
	Senior Engineering Tech-EXM	1
	Sewer Construction Inspector	1
	Sr. Eng.	5
Vacant/Supplemental to in-house		**15**
	Administrative Technician-EXM	1
	Principal Engineer	1
	Real Estate Specialty	2
	Program Manager2	3
	Project Controls Specialist	6
	Project Planner	1
	Acquisition Process Coordinator	1
CO-OP		**6**
	Co-Op/Student Intern 4	6
Grand Total		**156**

WWE – Non-Personnel

Total non-personnel budget is $776K which is $41K or 5.1% lower than 2016 budget. This budget includes, but is not limited to the following:

- $139K Utilities (Power, Gas, Water, Phone)
- $35K Petroleum Products
- $39K Staff Development
- $21K Subscriptions & Membership
- $77K Office Machinery Rent
- $17K Wearing Apparel
- $75K Property Tax

Business Services (WWA, IT and Finance)

Manages the department's centralized support services, which include: HR, Payroll, Training, Finance & Accounting and Information technology, focused on the core customers of Wastewater Collections, Wastewater Treatment, Watershed Operations, Enterprise Management and Regulatory Compliance and Safety.

Business Services – Personnel

The 2017 O&M budget includes $6.8 million for Personnel cost. This represents 82 FT positions of which 12 vacancies are projected to be filled in 2017. This budget reflects the following reductions:

- This budget reflects inter-department transfers and elimination of some supplemental staff.
- $485K capital funding (CIP)

Status	Title	#
Filled		**60**
	Accounting Technician 2	2
	Accounting Technician 3	3
	Administrative Specialist	3
	Administrative Specialist-EXM	3
	Administrative Technician-EXM	4
	Asst Treatment Supt-EXM	1
	Computer Systems Analyst-EXM	8
	Division Manager	1
	Employment & Training Supvr-EXM	1
	Information Tech Asst Mgr-EXM	3
	Information Technology Mgr-EXM	1
	Laborer	1
	Pub Wks/Utilities Superintndt	1
	Senior Accountant	1
	Senior Accountant-EXM	2
	Senior Admin Spec-EXM	5
	Senior Admin Spec-EXM / Admin Spec	1
	Senior Administrative Specialist	1
	Senior Cmptr/Prgrmr Anlyst-EXM	9
	Senior Engineer-EXM	1
	Senior Engineering Tech-EXM	1
	Supervising Management Analyst	2
	Supvg Accountant-EXM	1
	Technical Systems Analyst-EXM	4
Filled/Supplemental Staff Elimination		**2**
	Senior Accountant-EXM	1
	Senior Cmptr/Prgrmr Anlyst-EXM	1

Vacant		**8**
	Accounting Technician 1	1
	Administrative Technician-EXM	2
	Information Technology Assistant	1
	Senior Accountant-EXM	2
	Senior Admin Spec-EXM	1
	Supervising Management Analyst	1
Vacant/Supplemental to in-house		**4**
	Project Controls Specialist	4
CO-OP		**5**
	Co-Op/Student Intern 4	5
Procurement Staff		**8**
	Admin Tech	1
	SMA	1
	Sr. Admin Spec	6
Grand Total		**87**

WWA – Non-Personnel

Total non-personnel "base" budget is $9.6 million, which is $386K higher than 2016 budget and due mainly to increase in the following items:

- Software & License Fees ($186K)
- Data Equipment Rent ($27K)
- Office Machinery Rent($66K)

Total non-personnel budget includes, but is not limited to the following:

- $5 million Billing, collections and customer care services (Services provided by GCWW)
- $1.6 million Software & License Fees
- $1.1 million CAGIS and other subscriptions.
- $830K Expert Services

Items	2016 Approved Budget	2017 Budget	Variances
WWA	$830,000	$830,000	
Asset Management services	$35,000	$120,000	$85,000
Business Intelligence development (reports, dashboards...)	$32,500		($32,500)
Peoplesoft Upgrade and development services	$40,000	$200,000	$160,000
Econ. Inclusion, Legal, System support, Outreach, SBE Compliance, Contractor Capacity			
FloWatch hosting services	$50,000		($50,000)
Infrastructure Professional Services	$50,000		($50,000)
Laboratory technical services (reports, development)	$22,000	$10,000	($12,000)
OnBase development services	$45,000	$50,000	$5,000
Program Development, Org. Assessment, County Svc's	$150,000		($150,000)
Service Desk Supplemental Staff	$50,000		($50,000)
SharePoint development	$75,000	$75,000	
IT Service Management Services		$30,000	$30,000
Cityworks Dispatch Decision Support Tool		$25,000	$25,000
Workforce Training, Background checks, Org. Development	$200,000		($200,000)
Job Classifications	$80,500	$80,500	
Testing (Ergometrics)		$100,000	$100,000
Misc Testing		$10,000	$10,000
Background Fee		$5,000	$5,000
Advanced Leadership Skills		$15,000	$15,000
Leadership Supervisory Development - New Supervisors		$30,000	$30,000
Supervisor/Manager Essential Skills		$17,000	$17,000
End User Computer Training		$12,000	$12,000
Career Building Initiatives		$20,000	$20,000
Career Development Training (Core Essentials)		$20,000	$20,000
Annual Department Wide Cross-participation		$100,000	$100,000
Superintendent's Organizational Development Requests		$25,000	$25,000
Hosted Webinars or Webcasts (WEF, ATD, SHRM, & others)		$10,000	$10,000
Overall Reduction		($124,500)	($124,500)

Wastewater Treatment WWT

The Wastewater Treatment (WWT) Division is charged with operating seven major wastewater treatment plants, more than 100 pump stations, two package treatment plants and several high rate treatment facilities across Hamilton County. About 180 million gallons of wastewater is treated each day at MSDGC facilities.

The treatment plants continue to be nationally recognized for compliance with National Pollutant Discharge Elimination System (NPDES) permits, excellence in safety and an advanced maintenance program. The treatment of wastewater has significant financial needs related to electricity and natural gas usage, chemicals, equipment, SCADA, odor control and security.

WWT's Operating Budget is based on past years' spending levels, forecasted needs, and the professional judgment of licensed operators, engineers, and certified technicians.

WWT – Personnel

The 2017 O&M budget includes $19.4 million for Personnel. This represents 246 FT positions of which 28 vacancies are projected to be filled in 2017. This budget reflects the following:

- This budget reflects inter-department transfers and elimination of some supplemental staff.

Status	Title	#
Filled		**216**
	Administrative Specialist-EXM	1
	Administrative Technician	1
	Administrative Technician-EXM	4
	Asst Treatment Supt-EXM	1
	Bldg. & Grnds Mnt Crw Ldr-EXM	2
	Computer Systems Analyst	1
	Electrical Maint Worker 2	7
	Electrical Maintenance Worker	9
	Electrical Maintenance Worker3	3
	Electrical Maintnce Supvr-EXM	1
	Engineering Technician 3	12
	Engineering Technician 4	5
	Facility Maintenance Specialist	3
	Heat Ventilation & Air Conditi	2
	Laborer	7
	Maintenance Crew Leader	14
	Maintenance Machinist	2
	Maintenance Machinist Helper	1
	Maintenance Machinist-Crew Lea	1
	Motor Equipment Operator 1	1
	Motor Equipment Operator 2	1

	Motor Equipment Operator 3	2
	Painter	3
	Plant Maintenance Specialist	14
	Plant Maintenance Worker	16
	Plant Operator 2 - Ohio Class	45
	Plant Operator 2-OH Cert 3	13
	Plant Supervisor-EXM	9
	Principal Engineer-EXM	1
	Senior Admin Spec-EXM	1
	Senior Cmptr/Prgrmr Anlyst-EXM	2
	Senior Engineer	1
	Senior Engineer-EXM	2
	Senior Plant Supervisor	1
	Senior Plant Supervisor-EXM	3
	Stockhandler	1
	Storekeeper	4
	Supervising Engineer	1
	Supervising Engineer-EXM	1
	Supervisor Of Maintenance	3
	Supvg Storekeeper	1
	Supvr of Maintenance-EXM	5
	Technical Systems Analyst-EXM	2
	Treatment Superintendent-EXM	1
	Treatment Supervisor	2
	Treatment Supervisor-EXM	1
	Truck Driver	2
Filled/Supplemental Staff Elimination		**1**
	Asst. Superintendent2	1
Vacant		**28**
	Administrative Specialist-EXM	1
	Asst Facilities Mntnc Mgr-EXM	1
	Electrical Maint Worker 2	2
	Electrical Maintenance Worker3	1
	Maintenance Crew Leader	6
	Maintenance Machinist	1
	Maintenance Machinist Helper	2
	Plant Maintenance Worker	10
	Plant Supervisor-EXM	1
	Senior Cmptr/Prgrmr Anlyst-EXM	1
	Senior Engineer	1
	Supervising Engineer	1
CO-OP		**1**

Co-Op/Student Intern 4	1
Grand Total	**246**

WWT – Non-Personnel

Total non-personnel budget is $27.4 million, which is at the same level of 2016 budget. This budget includes, but is not limited to:

- $10 million Utilities (Power, Gas, Water, Phone)
- $4.3 million Sundry Contractual Services

Items	2016 Budget	2017 Budget	Variances
WWT	$3,353,000	$4,264,800	$911,800
Grass cutting and vegetation control	$48,000	$78,800	$30,800
HVAC maintenance agreement. Oil analysis.	$53,000	$53,000	
Landfill fees	$330,000	$330,000	
Landscaping services	$250,000	$100,000	($150,000)
Liquid Sludge Hauling to Little Miami or Mill Creek			
Locksmith services	$1,000	$21,000	$20,000
Misc material disposal	$1,500		($1,500)
Monthly PM and Emergency Repair of Stand-by Generators	$40,000	$40,000	
Remote monitoring data plan	$20,000	$25,000	$5,000
Remote monitoring services	$50,000	$50,000	
SCADA and telemetry programming services	$107,500	$107,500	
Sludge hauling of dewatered cake to landfill	$2,008,000	$2,370,000	$362,000
Sludge hauling and disposal	$180,000	$515,000	$335,000
Telemetry call center monitoring	$100,000	$100,000	
Telemetry system support	$25,000	$25,000	
Underground storage tank fees	$5,000	$5,000	
Vactor services for cleaning incinerator when off line	$12,000	$20,000	$8,000
Vactor services for cleaning of wet well	$12,000	$20,000	$8,000
Vactor services for cleaning of wet wells and aeration tanks	$110,000	$200,000	$90,000
Harzardous Material Remediaton		$50,000	$50,000
Lubricant, Hydraulic Fluid, and Wear Particle Analysis		$30,000	$30,000
Predictive maintenance personnel mentoring, certification examinations and as-needed staff supplementation		$50,000	$50,000
Grit and Screening removal		$264,000	$264,000
PM, Maintain and Repair Computer-Controlled HVAC in CMF & Administration buildings.		$15,000	$15,000
MACT Testing Requirements (3)		$69,000	$69,000
Overall Reduction		($273,500)	($273,500)

- $3.7 million Chemicals
- $225K Software & License Fees
- $1.5 million Mechanical and Plant Supplies
- $2.1 million Plumbing & Electrical Machinery Parts
- $2.7 million Repairs (Auto, Pumping, Building…)
- $357K Building & Structure Insurance
- $380K Security Guard Services

- $317K Building Cleaning
- $182K Staff Development
- $893K Expert Services:

Items	2016 Approved Budget	2017 Budget	Variances
WWT	$1,015,950	$893,649	($122,301)
Aeration tank performance testing	$108,000	$108,000	
Air emission regulatory testing	$53,500	$25,500	($28,000)
Business process improvements	$50,000		($50,000)
Condition monitoring services	$25,000	$25,500	$500
Discharge and Sewer Sludge Fees	$50,200	$39,750	($10,450)
East/West Automation project	$200,000		($200,000)
Facility inspections	$12,250		($12,250)
Laboratory services	$42,000	$10,000	($32,000)
Maintenance management software development	$100,000		($100,000)
MCTP Incinerator performance testing	$200,000	$200,000	
Odor Control Phase 2	$150,000	$140,149	($9,851)
Supplemental services	$25,000		($25,000)
Asbestos Removal and Repair		$3,000	$3,000
Boiler/Elevator/Hoists Inspections		$1,250	$1,250
Regulatory Testing		$8,000	$8,000
Phosphorus Study		$300,000	$300,000
Mercury Scrubber		$20,000	$20,000
Predictive Maintenance		$12,500	$12,500

Wastewater Collection WWC

Collect wastewater and convey it to the regional wastewater reclamation facilities.

WWC's Operating Budget is based on past years' spending levels, forecasted needs, and the professional judgment of engineers, managers and technicians. Wastewater collection manages the day-to-day operation of over 3,000 miles of combined and separate sewer system to meet NPDES permits requirements and customer service levels. The division performs state-of-the-art condition assessment & inspections, repairs & replacements, lining of aging mainline sewers, facility and mechanical maintenance of the wastewater collection system as part of a defined asset management program.

WWC – Personnel

The 2017 O&M budget includes $10.3 million for Personnel cost. This represents 185 FT positions of which 43 vacancies are projected to be filled in 2017. This budget reflects the following:

- This budget reflects inter-department transfers and elimination of some supplemental staff.
- Reduction of $2.4 million capital funding (CIP)

Status	Title	#
Filled		**129**
	Administrative Specialist	2
	Administrative Specialist-EXM	1
	Automotive Mechanic-Crew Chief	1
	Fleet Services Supervisor	1
	Maint Fabrication Apprentice	3
	Maint. Fabrication Crew Leader	3
	Motor Equipment Operator 1	4
	Motor Equipment Operator 2	11
	Motor Equipment Operator 3	2
	Senior Admin Spec-EXM	3
	Senior Engineer	2
	Senior Engineer-EXM	2
	Senior Engineering Technician	8
	Sewer Construction Inspector	1
	Sewer Maintenance Crew Leader	9
	Storekeeper	1
	Supervisor Of Maintenance	1
	Supvg Storekeeper	1
	Surveyor	1
	Technical Systems Analyst-EXM	1
	Truck Driver	10
	Utility Technician	11
	Wastewater Collection Crew Lea	6
	Wastewater Collection Eq Spec	9

	Wastewater Collection Inspector	14
	Wastewater Collection Pipelaye	3
	Wastewater Collection Superint	1
	Wastewater Collection Supervisor	1
	Wastewater Collection Supvr-EXM	2
	Water Works Dispatcher	5
	Water Works Maint Field Supvr	9
Filled/Supplemental Staff Elimination		**13**
	Senior Engineering Tech-EXM	1
	Senior Engineering Technician	8
	Sewer Construction Inspector	2
	Sewer Construction Inspector	1
	Water Works Dispatcher (MSDGC)	1
Vacant		**43**
	Assistant Supervisor of Fleet Services	1
	Asst Fleet Services Mgr-EXM	1
	Asst Supvr of Customer Service	3
	Asst Treatment Supt (Collection System)	2
	Automotive Mechanic	3
	Automotive Mechanic-Crew Chief	3
	Civil Engineering Technician 3	1
	Maint Fabrication Specialist	4
	Maintenance Machinist	1
	Management Analyst-EXM	1
	Principal Engineer	3
	Senior Admin Spec-EXM	1
	Senior Envrnmntl/Sfty Spec-EXM	1
	Supvg Management Analyst-EXM	1
	Supvr of Customer Service-EXM	1
	Truck Driver	1
	Utility Technician	2
	Wastewater Collection Crew Lea	4
	Wastewater Collection Eq Spec	4
	Wastewater Collection Pipelaye	4
	Wastewater Collection Supervisor	1
Grand Total		**185**

WWC – Non-Personnel

Total non-personnel budget is $9.9 million, which is $208K or 2.1% lower than 2016 budget. This budget includes, but is not limited to:

- $352K Utilities (Power, Gas, Water, Phone)
- $372K Petroleum Products
- $121K Sundry Contractual Services

Items	2016 Budget	2017 Budget	Variances
WWC	$103,133	$120,500	$17,367
Chemical Disposal Services	$5,000	$5,000	
Crane Inspection/Repair Services	$7,500	$7,500	
Driveway/Lot Sweeping Services	$4,000	$4,000	
Landfill Services	$54,000	$54,000	
Machine Shop Services	$10,000	$10,000	
Parts Washer Services	$4,000	$4,000	
Pest Control Services	$2,633	$20,000	$17,367
Radio Reapir Services	$1,000	$1,000	
Tree Removal Serivces	$15,000	$15,000	

- $5.6 million Expert Services:

Items	2016 Approved Budget	2017 Budget	Variances
WWC	$5,638,895	$5,607,000	($31,895)
Building Alarm Monitoring	$7,000	$7,000	
Business Process Certification Program	$200,000	$150,000	($50,000)
Customer Communication	$200,000	$150,000	($50,000)
Geotechnical Support & Preconstruction Surveys	$50,000	$50,000	
Technical Staff Supplementation	$200,000	$100,000	($100,000)
WWC Vehicle GPS	$75,000	$75,000	
Sewer Condition Assessment and Cleaning	$4,906,895	$5,000,000	$93,105
Pilot Learning Management System (LMS)		$75,000	$75,000

- 96K Claims
- $578K Mechanical and Plant Supplies
- $1.1 million Repairs (Auto, Pumping, Building…)
- $275K Masonry And Road Material
- $506K Street Opening And Restoration
- $104K Security Guard Services
- $46K Building Cleaning
- $94K Cleaning-Waste Removal
- $48K Staff Development

Regulatory Compliance & Safety - RCS

Monitor and regulate industrial and commercial customers under the Pretreatment Program of the Clean Water Act (CWA), monitor and assist in compliance related activities of MSDGC operations and provide analytical laboratory services.

Regulatory & Environmental Compliance

The Regulatory and Environmental Compliance is section charged with ensuring utility compliance with applicable federal, state and local environmental rules and regulations. Such rules and regulations include USEPA and Ohio EPA rules on such topics as surface water and wastewater, drinking water, storm water; sewage sludge, air quality, spill control, hazardous and universal waste management, chemical management; and many others. The Regulatory and Environmental Compliance group is the key interface between the utility and regulators for daily operations, and is involved in facility inspections, compliance reporting, violation abatement, permit renewals, etc. This focus area has enhanced efforts to coordinate closely with utility operational divisions to evaluate and recommend compliance strategies to maximize environmental compliance efforts.

Industrial Waste

The Industrial Pretreatment Program is responsible for managing MSDGC's Ohio EPA-approved Industrial Pretreatment Program, ensuring industrial customer compliance with federal, state and local wastewater discharge rules and regulations. The Industrial Waste Section also manages the implementation of the MSDGC's surcharge program, ensuring fair and equitable assessment of cost to dischargers of high strength waste and also MSDGC's hauled waste program.

Safety

MSDGC is proactively working to eliminate workplace hazards, preventing injuries and accidents by performing more training and audits and creating more conversation around prevention and awareness – both within operations and construction areas. The mission is to promote and engage employees and the community to strive towards a safer environment and workplace in an environmentally and fiscally responsible manner.

Safety Section's focus is on improving the quality of life for our employees and the community we serve.

This will be achieved by

- Assisting, educating and providing guidance to the community and workforce.
- Reduce hazards in workplace and the surrounding community.
- Provide assistance and coordinate with other/outside regulatory agencies.

RCS – Personnel

- The 2017 O&M budget includes $5 million for Personnel cost. This represents 61 FT positions of which 4 vacancies are projected to be filled in 2017.

Status	Title	#
Filled		**57**
	Administrative Technician	1
	Administrative Technician-EXM	1
	Asst Treatment Supt-EXM	1
	Chemist	4
	Chemist-EXM	1
	Environment/Sld Wst Prgm Crd-EXM	1
	Environmental/Safety Specialist	1
	Industrial Investigator	6
	Industrial Waste Inspector	3
	Laboratory Assistant	1
	Laboratory Technician 2	7
	Laboratory Technician 3	3
	Laboratory Technician 4	4
	Pretreatment Specialist	6
	Senior Chemist	2
	Senior Chemist-EXM	2
	Senior Engineer-EXM	2
	Senior Environmental/Safety Sp	1
	Senior Envrnmntl/Sfty Spec-EXM	3
	Supervising Chemist	1
	Supervising Environmental/Safe	1
	Supervisor Of Industrial Waste	1
	Supvr Of Industrial Waste-EXM	2
	Treatment Superintendent-EXM	1
	Treatment Supervisor-EXM	1
Vacant		**4**
	Asst Treatment Supt	1
	Laboratory Technician 2	2
	Laboratory Technician 4	1
CO-OP		**10**
	Co-Op/Student Intern 4	10
Grand Total		**71**

RCS – Non-Personnel

Total non-personnel "base" budget is $2 million, which is $52K or 2.5% lower than 2016 budget. This budget includes, but is not limited to:

- $74K Utilities (Power, Gas, Water, Phone)
- $20K Petroleum Products
- $78K Wearing Apparel
- $20K Cleaning-Waste Removal
- $159K Supplies & Tools
- $530K Sundry Contractual Services

Items	2016 Budget	2017 Budget	Variances
RCS	$546,000	$530,000	($16,000)
Algae pilot project	$50,000	$40,000	($10,000)
As Needed Program Support	$20,000	$20,000	
Documentation of Program Activities	$45,000	$45,000	
Industrial Hygiene support; haz assessments; air sampling	$300,000	$300,000	
ipacs customized enhancements	$35,000	$35,000	
Local Limits Development	$50,000	$50,000	
Water quality pilot project	$50,000	$40,000	($10,000)
Reduction	($4,000)		$4,000

- $200K Expert Services:

Items	2016 Approved Budget	2017 Budget	Variances
RCS	$200,000	$200,000	
Treatment Process Enhancement through Lab Program.	$200,000		($200,000)
Regulatory Support		$50,000	$50,000
Surcharge Evaluation		$50,000	$50,000
Lab Expert		$50,000	$50,000
Lab UST		$50,000	$50,000

- $399K Laboratory Supplies
- $192K Technical Repairs
- $228K Tests - Miscellaneous
- $90K Staff Development

Watershed Operation - WO

The Watershed Operations Division (WO) is responsible for the operation and maintenance of MSDGC's wet weather facilities, oversight of the green infrastructure installations, and management of all sewer data collection activities from across the entire collection system.

In addition to optimizing individual asset performance, WO's goal is to operate the watershed in a manner that maximizes the conveyance and treatment capacity of the wastewater system during wet weather. The Wet Weather SCADA system has been constructed for this purpose and it is upon this platform that operational optimization occurs. This means that wet weather assets that interact with the collection system must be operated in a coordinated fashion, similar to the manner in which the collective assets in a treatment plant are operated, however, over a much larger geographical area.

WO carries forward the innovative approaches to wet weather management that MSDGC built into its Wet Weather Improvement Plan in order to achieve its mission.

Beginning with the 2016 budget year, the budgets for the **Watershed Operations Division** and the **SBU** Program are no longer represented under the same department code of 470. This enables MSDGC to track and report more effectively on discrete business functions as well as aids in managing the appropriate access to those cost centers in the financial system.

Wet Weather Facilities

Wet weather facilities include real time control (RTC), high rate treatment (HRT), storage, and other operable assets designed to manage wet weather flows. They are maintained to preserve function, operated to optimize performance, and monitored to demonstrate value. The priority for these facilities is achieving and maintaining high availability.

Dashboards for wet weather facility performance and availability were rolled out in early 2016 to allow monitoring of performance, review of system availability, and also provide specific information related to subsystem component availability. Data for these dashboards is made possible through the Wet Weather SCADA system which allows information to be continually updated and current within a day. These dashboards are crucial in targeting maintenance activities to ensure optimum system readiness and availability, and also very effective in evaluating individual facility performance for specific events or for longer periods of time.

Expansion of the WW SCADA System and development of additional facility dashboards for remaining facilities will continue in 2017 which will provide enhanced visibility of these facilities.

Remote Monitoring

Watershed Operations provides comprehensive monitoring of the wastewater collection system and the assets that impact it as a service for all MSDGC users. In 2016 level sensors were installed

throughout the Mill Creek basin to provide early estimations of stormwater volumes entering the collection system. In 2017 the same technology will be installed throughout the Little Miami River basin to provide the same early estimates of stormwater volume. With the implementation of these remote sensors, the monitoring program provides data to the Wet Weather SCADA System to allow for the optimization of controllable assets to minimize CSO and SSO overflows. Other portions of the monitoring program provide data for modeling projects to be used as a basis for design, remote sensing of air release valve failures and odor complaints, planning and design decisions, regulatory reporting of CSO and SSO overflows, and the hydraulic and water quality models. As such, WO acts as a centralized and streamlined provider of all field-generated data, including flow monitoring services.

Several major equipment upgrades are planned for the next few years. MSDGC will be performing a lifecycle replacement of flow monitors over the next 5-7 years to maintain an inventory of current technology. Additionally, approximately 200 of the CSO and SSO level sensors have older style modems and need to be upgraded for better data efficiency and streamlined data transmission 2017-2018.

WO will also pilot several real-time water quality sensors at selected locations which will feed directly into the SCADA system. These include remote monitoring of PAA concentrations at the Little Miami Auxillary Outfall, continuous TSS monitoring at several locations during the Little Miami/Upper Duck Creek water quality sampling program, and multi parameter monitoring at selected permanent locations, such as the border of Butler County on the Mill Creek. Based on the results of these evaluations, MSDGC will determine the cost/value of expanding the permanent real-time water quality network.

WO currently maintains equipment at over 500 sites and in 2017 that number will expand to about 600 sites.

Stormwater Control Measures

These assets include bioretention basins, vegetated swales, permeable pavement, and other landscape features designed to reduce stormwater inflow to the combined sewer system through infiltration, evapotranspiration, and capturing and slowly releasing stormwater. They are maintained to preserve function and inspected to evaluate their ability to perform.

Optimal performance of these systems is dependent on an ongoing high level of maintenance and inspection. Lack of proper and timely maintenance compromises the function of the SCM and shortens its lifespan. The systems' vertical components (soil media and gravel layers) can become clogged with debris and sediment, leading to standing pools of stagnant water. In addition to the public health risk this can pose, SCM assets that are not properly maintained become unsightly and unsafe, and any CSO reduction goals related to the SCM are not be realized.

Since these are living ecosystems, their maintenance extends beyond traditional landscaping activities and requires contractors that are qualified to perform this type of specialized work. As such, MSDGC, along with other utilities, has worked closely with the Water Environment Federation and DC Water to become a Partner in the development of a National Green Infrastructure Certification Program.

Recognizing the lack of a properly trained labor pool in the field of green infrastructure, the goal of the Program is to "provide a pool of skilled workers to construct, inspect, and maintain GI" to support the long-term performance. The Program is for local professionals and is focused only on construction, maintenance, and post-construction inspection. As a Partner, MSDGC is expected to conduct a training course and administer an exam using documents and materials developed by the Technical Advisory Group within the Program. The training course is currently 12 modules and is estimated to take 40 hours to complete and as such, MSDGC will need to supply a certified trainer, classroom space, a space for outdoor hands-on opportunities, and exam proctor. It is envisioned that the training conducted by MSDGC will include internal MSDGC inspectors and construction managers as well as some local professionals. Those who take the exam and receive a passing grade will receive the National Certification.

As more projects including SCMs are being designed and constructed, Watershed Operations has realized a gap that exists between what is written in a construction contract and what can effectively be enforced internally, as it relates to maintenance during the establishment period. Construction Managers are finding it difficult to recognize if the proper maintenance has been completed by the contractor, as required by the contract. MSDGC CMs have expressed the need for additional documentation to help them distinguish between the intended and unintended plants at each SCM. Watershed Operations' response to this is the development of a "Field Pocket Guide" that will include the pictures of each intended plants (for each season) at the site level. The Guide will also include a pictorial list of common invasive species.

Operational Optimization

MSDGC's Wet Weather SCADA system was rolled out in 2015 with the initial capability of capturing field data from remote sensors and wet weather facilities, visualizing conditions at both the site-specific and basin-wide levels for the lower Mill Creek and lower Little Miami River, detecting possible high water/dry weather conditions, and predicting flows to the Mill Creek treatment plant. The system was expanded in 2016 to cover the entire Mill Creek Basin, gain remote control of all 4 RTCs, and include all rain gage and river stage data for the service area. By the end of the year, the SSO 700 high rate treatment facility and the Muddy-Westbourne wet weather facility will be integrated with the WW SCADA, and basin-wide wet weather performance will be improved through coordinated control of critical assets.

For 2017, coverage expands to include the Little Miami River basin as well as the combined-sewered area of the Muddy Creek basin. Additional monitoring capabilities will be added to alert MSDGC to abnormal dry weather conditions, wet weather conditions and high water/flooding conditions that will improve responsiveness. The operation of each wet weather asset will be further optimized with new algorithms that take into consideration the full capabilities of the system, reducing operational costs, and coordinated control logic will be enhanced in the Mill Creek Basin to achieve better wet weather performance basin-wide. It is critical that these investments are made in 2017 to leverage the investments made since 2014 and build on the progress already achieved and to provide data critical to the Phase II Consent Decree negotiations.

CSO Control Technology Evaluation

This Program is designed to aggressively seeking out new and emerging CSO control technologies in the areas of alternative disinfection; advanced filtration; state of the art solid and floatables control; and unconventional, in-system storage and control systems. All technologies are given a thorough review based on available, peer-reviewed literature and high quality gray literature, with special emphasis on the evaluation of cost and performance data. If technically sound and has the potential to provide the required level of control at a lower cost, a technology is piloted to validate the cost-effectiveness of the technology under MSDGC's unique operating conditions.

MSDGC has partnered with the U.S. EPA's Office of Research and Development in Cincinnati to acquire internationally recognized technical expertise in CSO management and treatment to lead WO's progressive efforts to uncover and validate new and emerging technologies for application in MSDGC's system.

Evaluations and demonstrations of promising CSO control technologies are in various stages of planning and preparation. Two technology evaluations are scheduled for implementation during the latter half of 2016 and into 2017. These technologies focus primarily on the removal of solids and floatables in CSO discharges

WO – Personnel

The 2017 O&M budget includes $1.2 million for Personnel cost. This represents 15 FT positions. This budget reflects the following:

- This budget reflects inter-department transfers and elimination of some supplemental staff.
- Reduction of $274K capital funding (CIP)

Status	Title	#
Filled		9
	Asst Treatment Supt-EXM	1
	Principal Engineer-EXM	1
	Senior Engineer	2
	Senior Engineer-EXM	2
	Supervising Engineer-EXM	2
	Treatment Superintendent-EXM	1
Filled/Supplemental Staff Elimination		4
	Principal Engineer-EXM	2
	Senior Engineering Technician	2
Vacant		2
	Principal Engineer-EXM	1
	Senior Engineer-EXM	1
Grand Total		15

WO – Non-Personnel

Total non-personnel budget is $6 million. This budget includes, but is not limited to:

- $2.05 million Sundry Contractual Services

Items	2016 Budget	2017 Budget	Variances
WSO	$1,680,000	$2,039,900	$359,900
Contracted preventative and reactive maintenance for all green infrastructure/stormwater control measures and includes assets both above and below ground.	$200,000	$134,900	($65,100)
Contract services for the installation, removal and all site maintenance of remote field monitoring equipment, including level sensors, flow meters, and rain gauges.	$1,480,000	$1,550,000	$70,000
CSO/SSO monitoring and reporting		$355,000	$355,000

- $3.0 million Expert Services:

Items	2016 Approved Budget	2017 Budget	Variances
WO	$3,035,000	$2,995,000	($40,000)
Support services for CSO distributed treatment technologies	$265,000	$625,000	$360,000
Performance management services for Real Time Control (RTC) and High Rate Treatment (HRT) facilities	$370,000	$250,000	($120,000)
Programmatic management and support for MSD's Remote Monitoring Program	$400,000	$120,000	($280,000)
Expansion of the wet weather operational capabilities through use of the GE IP Prophecy system.	$2,000,000	$2,000,000	

- $395K Subscriptions & Membership
- $154K Utilities (Power, Gas, Water, Phone)
- $387K Technical Equipment Parts and other supplies
- $65K Chemicals

Sewer Backup Response Program - SBU

Provide customer relief for capacity related sewer backups.

Beginning with the 2016 budget year, the budgets for the **Watershed Operations Division** and the **SBU** Program are no longer represented under the same department code of 470. This enables MSDGC to track and report more effectively on discrete business functions as well as aids in managing the appropriate access to those cost centers in the financial system.

SBU – Personnel

The 2017 O&M budget includes $858K for Personnel cost. This represents only 9 FT positions of which five vacancies are projected to be filled. This budget reflects the following:

- This budget reflects inter-department transfers and elimination of some supplemental staff.

Status	Title	#
Filled		**3**
	Engineering Technical Spvr	1
	Senior Admin Spec-EXM	1
	Senior Engineering Technician	1
Filled/Supplemental Staff Elimination		**2**
	Administrative Specialist	1
	Asst Supvr of Customer Service	1
Vacant		**1**
	Asst Treatment Supt (Collection System)	1
Vacant/Supplemental to in-house		**3**
	Supervising Field Service Rep	3
Grand Total		**9**

SBU – Non-Personnel

Total non-personnel budget is $3.9 million, which is $1.0 million or 20.6% lower than 2016 budget. This budget includes, but is not limited to:

- $1.0 million Sundry Contractual Services

Items	2016 Budget	2017 Budget	Variances
SBU	$1,080,422	$1,000,000	($80,422)
Sewer Backup Cleaning Contractors	$1,080,422	$1,000,000	($80,422)

- $2.1 million Expert Services:

Items	2016 Approved Budget	2017 Budget	Variances
SBU	$3,039,000	$2,100,000	($939,000)
Sewer Backup Claim Valuation	$32,000		($32,000)
Sewer Backup Customer Services	$900,000	$100,000	($800,000)
Sewer Backup Prevention Program	$2,107,000	$2,000,000	($107,000)
Total Funded Request	**$15,033,845**	**$13,432,049**	**($1,601,796)**

- $517K Claims & Legal Services

Vehicles

2017 Vehicle budget is $1.44 million. This is a replacement budget only. No new additions to the current fleet.

Reason for replacements:

- Aged fleet. Some of these items are as old as 1990 & 2000
- Operational needs: e.g.: Dump truck; this will allow MSDGC to haul a load to the dump that would otherwise take almost three single axle dump trucks to haul.
- Safety concerns.

Vehicles Request

Motorized Equipment Request

#	Reason	Repl. No.	Year	Mileage	L.T.D. Cost	Year to Date	Description - Item to be Purchased	Est, Cost	Division
1	Replacement	71892	2007	147,597	$121,378.00	$21,564.00	Flush/Vac Truck	$500,000	WWC
2	Replacement	70964	2007	81,883	$32,141.00	$8,749.00	Single axle dump truck - chassis	$85,000	WWC
							Single axle dump truck - body	$40,000	
3	Replacement	70962	2007	73,050	$28,185.00	$3,943.00	Single axle dump truck - chassis	$85,000	WWC
							Single axle dump truck - body	$40,000	
4	Replacement	01800	1990	3,158	$28,674.00	$1,152.00	Chassis for Hyd Truck	$90,000	WWC
							Hyd. Truck body remount	$35,000	
5	Replacement	65810	2006	4,825	$30,415.00	$5,233.00	Wheel Loader	$125,000	WWC
6	Replacement	02671	2000	1,198	$18,988.00	$2,245.00	Forklift - (Propane)	$28,000	Muddy Creek
7	Addition						IBAK Camera test Equipment	$60,000	WWC
8	Replacement	52816	2005	2,362	$22,724.00	$679.00	Gators/ Look at ZAP Truck	$27,000	WWT
9	Replacement	52818	2005	2,502	$19,626.00	$618.00	Gators/ Look at ZAP Truck	$27,000	WWT
10	Replacement	52819	2005	1,571	$20,132.00	$345.00	Gators/ Look at ZAP Truck	$27,000	WWT
11	Replacement	00649	2010	117,238	$18,805.00	$5,425.00	Mini Van	$24,000	WWT
12	Replacement	40803	2004	40,295	$11,882.00	$976.00	Window Van	$26,500	WWT
13	Replacement	40808	2004	47,552	$12,817.00	$978.00	Window Van	$26,500	WWT
14	Replacement	40809	2004	62,950	$13,377.00	$1,759.00	Window Van	$26,500	WWT
15	Replacement	50842	2004	41,211	$8,200.00	$1,490.00	Window Van	$26,500	WWT
16	Replacement	40850	2004	96,937	$14,509.00	$5,236.00	Pickup w/lift gate	$32,000	WWT
17	Replacement	40838	2004	52,838	$10,574.00	$393.00	Pickup w/lift gate	$32,000	WWT
18	Replacement	40852	2004	51,080	$9,669.00	$760.00	Pickup 4x4	$32,000	WWT
19	Replacement	40791	2004	72,355	$13,106.00	$1,664.00	Pickup 4x4	$32,000	WWT
20							Shop Tools	$5,000	
21							Flatbed for roll off	$12,000	WWT
							Total	**$1,444,000**	

Capital Equipment (OTEA)

OTEA

Department	Itemization Name	New / Replacement	2016 Budget	2017 Budget
RCS	BOD Analyzer	Process Support	$80,000	$80,000
RCS	BOD incubator	Outlying lab	$4,500	
RCS	Discrete Composite Sampler (1 each)	Support to WWT		$50,000
RCS	Fitness Center		$51,042	
RCS	ICPMS			$180,000
RCS	Ion Chromatograph	Hexavalent Cr	$45,000	
RCS	Jar Testing Apparatus	Phipps & Bird	$4,000	
RCS	Liquid / Liquid Extraction System	Oil and Grease	$70,000	
RCS	Liquid Argon Tank & Telemetry			$50,000
RCS	Refrigerator (2 each)	Replace old	$2,250	
RCS	Refrigerators (4 each)	Replace old	$4,500	
RCS	Respirometer (1 each)	Support to WWT	$35,000	$35,000
RCS	Sampling and Field Analysis Equipment	Repair & replace	$144,000	$144,000
WSO	SSO 700 samplers			$58,000
WSO	Equipment Replacement (Samplers, motors, pumps, descicant dryer	Replacements		$50,000
WSO	Remote monitoring equipment (dye dillution testing)			$20,000
WSO	Remote monitoring equipment (Flow Meters) - replacement and new	purchases		$125,000
WWA	Carpeting	Replace		$100,000
WWA	COD Analyzer (1 each)	Hach DR3900	$5,000	$35,000
WWA	Coffee Vending Machine	New		$2,000
WWA	Conference Room Chairs (Conference Room 123	Replace		$5,000
WWA	Conference Room Panels	Repair & Replace		$10,000
WWA	Conference Room Table and Chairs	Replace		$60,000
WWA	Break Room Tables and Chairs	Use the good ones from the conference rooms		
WWA	Data center improvements		$220,000	$220,000
WWA	Devices and equipment for safety program requirements: ie. lock out tag out / electrical; fall protection; confined space	new	$30,000	
WWA	Heavy Duty Scanner	New		$5,000
WWA	Lifecycle replacement desktops		$250,000	$200,000
WWA	Lifecycle replacement laptops		$145,000	$145,000
WWA	Office Chairs	Replace		$10,000
WWA	Outdoor benches (picnic table type)			$1,000
WWA	Refrigerator	Replace		$750
WWA	Security needs		$138,000	$100,000
WWA	Specialty and Misc Equipment		$25,000	$25,000
WWA	Virtualization expansion		$105,000	$120,000
WWC	Air Release Valves	Replacement		$0
WWC	CUES LAUNCH CABLE	Replacement	$10,000	$0
WWC	Facililty asset replacement (HVAC, lighting, roof, UPS, etc.)	Replacements	$500,000	
WWC	GNSS Reference Network Station (Receiver, Antenna and Installation)	New		$25,516
WWC	IBAK - Orpheus Pan and Tilt cameras - 2 EA	New		$46,120
WWC	IBAK COAX REEL LAUNCHER - 3 EA.	Replacement	$15,000	$0
WWC	IBAK FIBEROPTIC CABLE REEL - 3 EA.	Replacement	$24,000	$16,000
WWC	IBAK LISY	Replacement	$65,000	$60,000
WWC	LATERAL CAMERA REPLACEMENT - 3 EA.	Replacement	$75,000	$50,000
WWC	Leica - TS16 Robotic Total Station	Replacement		$32,800
WWC	Locating Receivers - Ridgid Navtrak - 5 EA	Replacement		$0
WWC	Metal Detectors 10EA.	Replacement		$0
WWC	NOZZLES & ROOT CUTTERS FOR FLUSH/VAC TRUCKS	Replacement	$50,000	$0
WWC	Remote monitoring panels and instrumentation (10 stations)	New	$0	
WWE	GPS Base Stations	replacement	$20,000	$37,500
WWE	Survey EDM/Theodolite Total Station	replacement	$15,000	$21,250
WWE	Survey GPS Software Upgrade	replacement	$5,000	$5,000
WWT	Baker Online Motor Tester			$50,000
WWT	Conversion of open area into 5 workstations			$30,000
			$2,137,292	**$2,204,936**

Indirect City Overhead

The calculation of the overhead is based on the rate determined in the Maximus cost allocation plan and applied to the prior year financial statement. The City and County in settlement of dispute in 1997 determined there would be an outside firm that will prepare a cost allocation plan and the overhead would be based on that rate.

Direct County Overhead

2017 budget is $295,510 and included within OOD budget. Hamilton County submits quarterly statements for its oversight activities, which are paid from MSDGC Capital Fund.

Indirect County Overhead

2017 budget is $178,325 and included within OOD budget.

Debt Service

$114.4 is budgeted to pay existing and projected debt.

Appendices

Appendix A - Additional Necessary Requests Needed for 2017

Additional Requests

WO

Specialized hydraulic modeling support to enable MSD to address key issues that are related to Consent Decree requirements. [This was previously funded through an Allowance CIP]	$440,000
SCADA Maintenance	$143,000
Water quality monitoring, odor monitoring, air release valve monitoring, I/I investigation including micromonitoring	$190,000
Watershed remote monitoring and control (Little Miami)	$160,000
Post construction monitoring	$45,000
Contract services for Mill Creek Bioassessment - sampling for NPDES permit	$150,000

RCS

Mixing Zone in Ohio River	$200,000

WWA

7293 - Collection Of Sewerage Billing - GCWW (increase due to Monthly billing)	$319,827
Power - Additional Cost for Duke Energy Rider	$375,000

Justification/Explanations/Descriptions

Watershed Operation (WO)

Technical Equipment Parts $51,910

Increased to allow for start of multi-year lifecycle replacement of field monitoring equipment and expansion of monitored locations.

Contract services for the installation, removal and all site maintenance of remote field monitoring equipment, including level sensors, flow meters, and rain gauges $395,000

The number of sites with field monitoring equipment installs has increased and will continue to expand through 2017. This equipment enables geographic expansion for remote monitoring and control, and also meets business needs in the area of odor monitoring, air release valve monitoring, I/I investigation

Contract services for Mill Creek Bioassessment - sampling for NPDES permit $150,000

Sampling required as part of the CSO NPDES permit.

Regulatory Compliance & Safety (RCS)

Little Miami WWTP Auxiliary Outfall Mixing Zone Study $200,000

In conjunction with the proposed Little Miami WWTP Auxiliary Outfall Disinfection Study MSDGC proposes an outfall mixing zone study to demonstrate the discharge mixing characteristics with respect to both disinfection chemical residual and bacterial indicator species.

Wastewater Administration (WWA)

Billing Services (GCWW – increase due to monthly billing) $300,000

Per GCWW, the total billing cost (estimate) to MSDGC including capital distribution would be approximately $5,319,827 for monthly billing. At this time, GCWW is planning to launch monthly billing at the end of first quarter 2017 (April 1, 2017); however, this depends on many factors, including monthly billing rates from MSDGC. The estimated amount above is for billing services for an entire year.

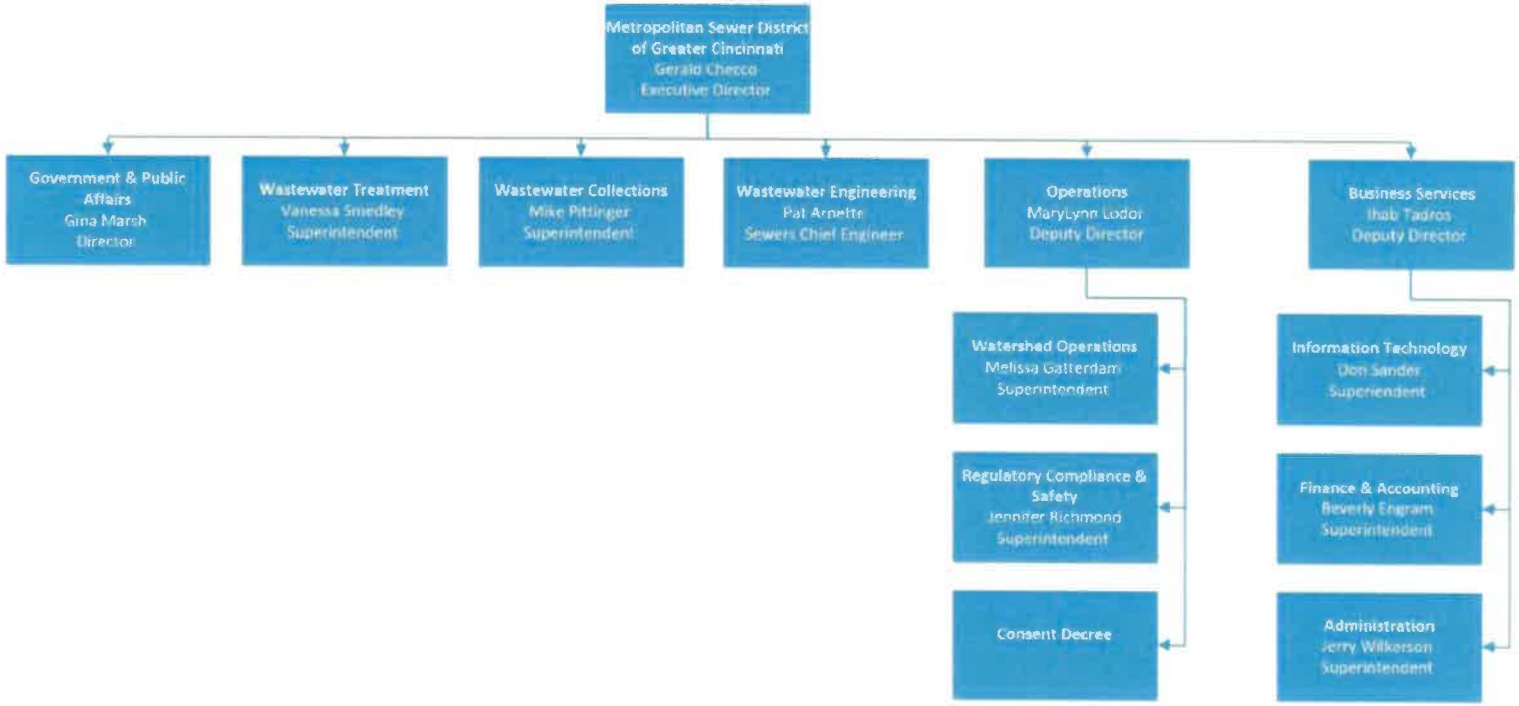
Here are the assumptions used in reviewing the billing model to derive at the estimated 2017 monthly billing cost for MSDGC.

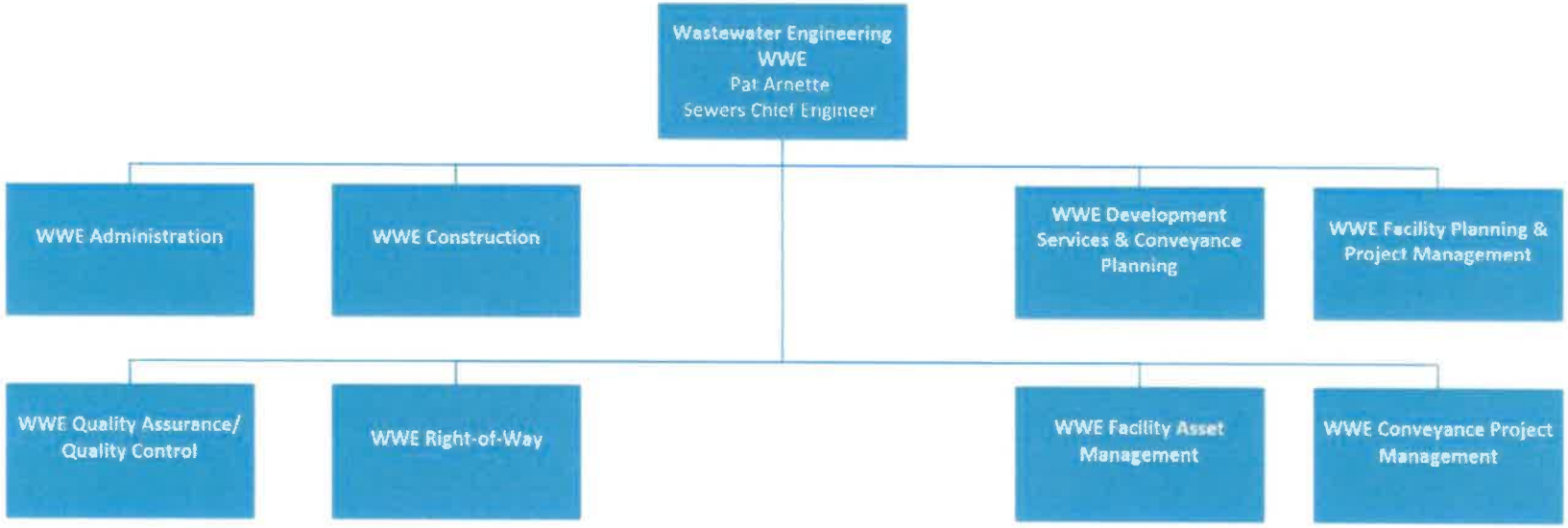
1. Although the number of bills (statements) mailed will increase significantly, it is assumed that the % allocation ratio (water, water plus sewer, and weighted water plus sewer) will remain the same as 2015
2. The % allocation for all business (sub-business) processes will remain the same as 2015
3. The personnel costs, including overhead are assumed to remain the same as for 2015 as GCWW will not be adding additional staff at this point. So it is assumed that any increase/decrease in cost is attributed to non-personnel processes only.
4. There are two additional capital projects that will begin depreciating in 2016/2017. This would increase MSDGC costs by $300,000/year for next 10 years
5. The following sub-business processes are assumed to increase by 300% as a result of switching from quarterly billing to monthly billing:
    a. Mailing processes (note: further review is needed here as we have launched a campaign to have more customers go paperless, however, you still have to provide a bill formatted for electronic viewing [cuts cost from mailing, but a cost is still there])
    b. Meter reading and billing rejections
    c. Online payment processing
    d. Batch payments
    e. Lockbox payments
    f. Finance payments
6. The following sub-business processes are assumed to ***decrease*** by 50% as a result of switching from quarterly billing to monthly billing
    a. Payment plans for delinquent accounts
    b. Delinquent referrals.

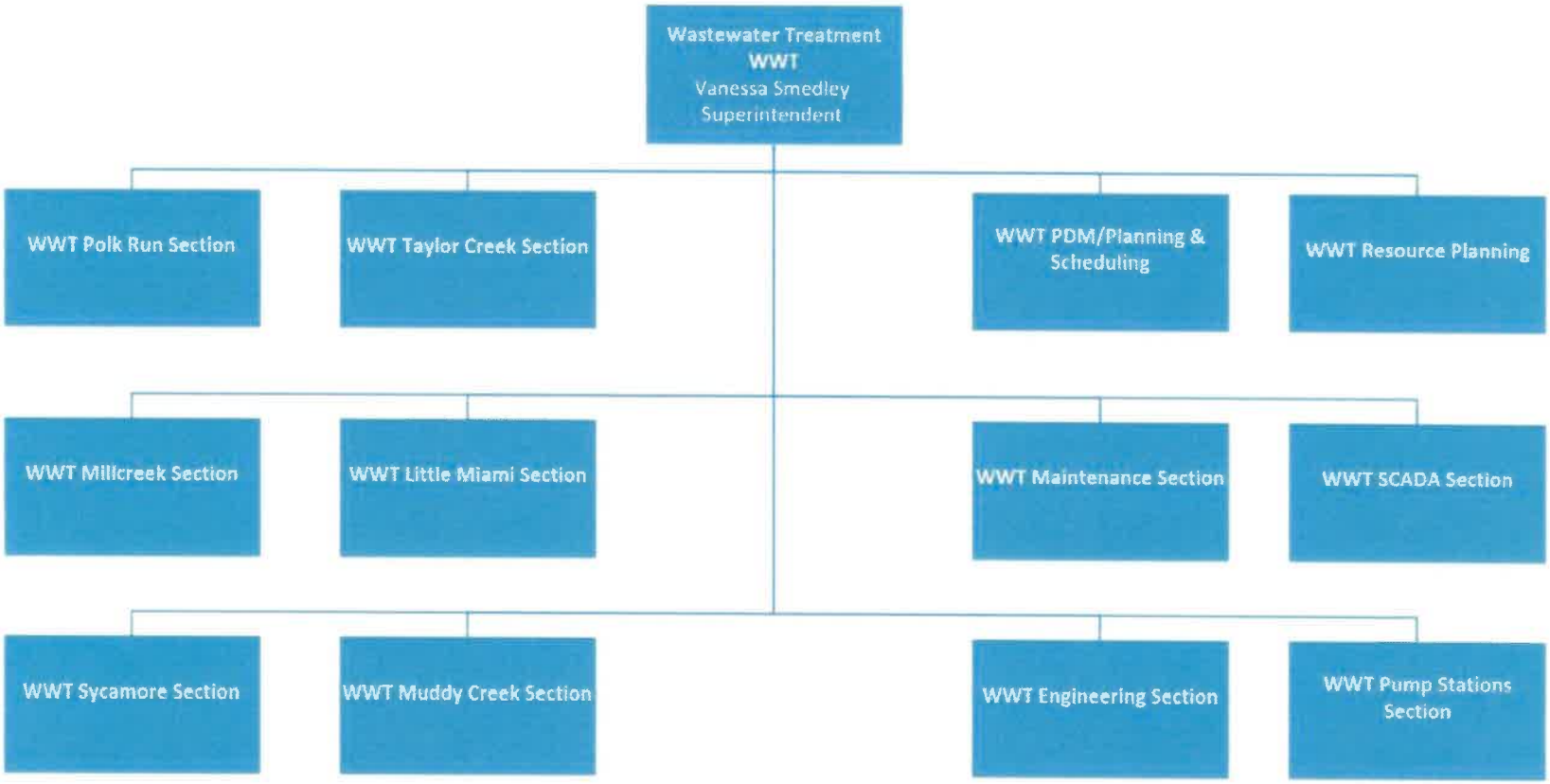
Power **$375,000**

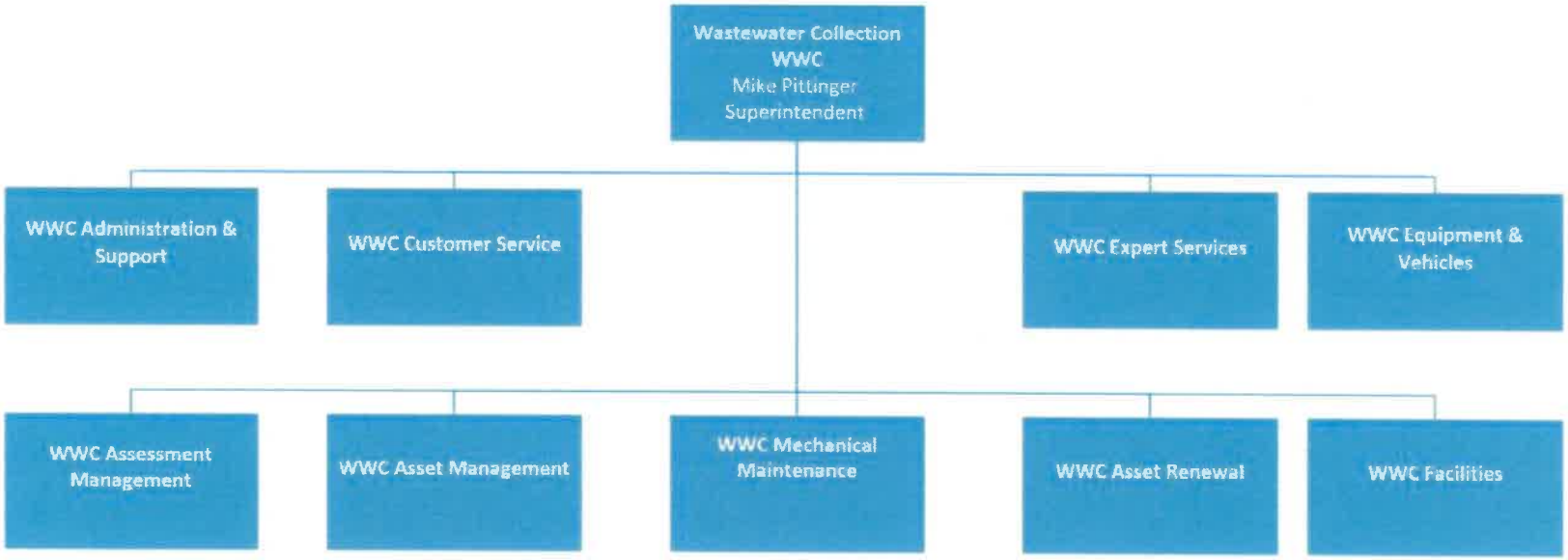
Additional Cost for Duke Energy Rider.

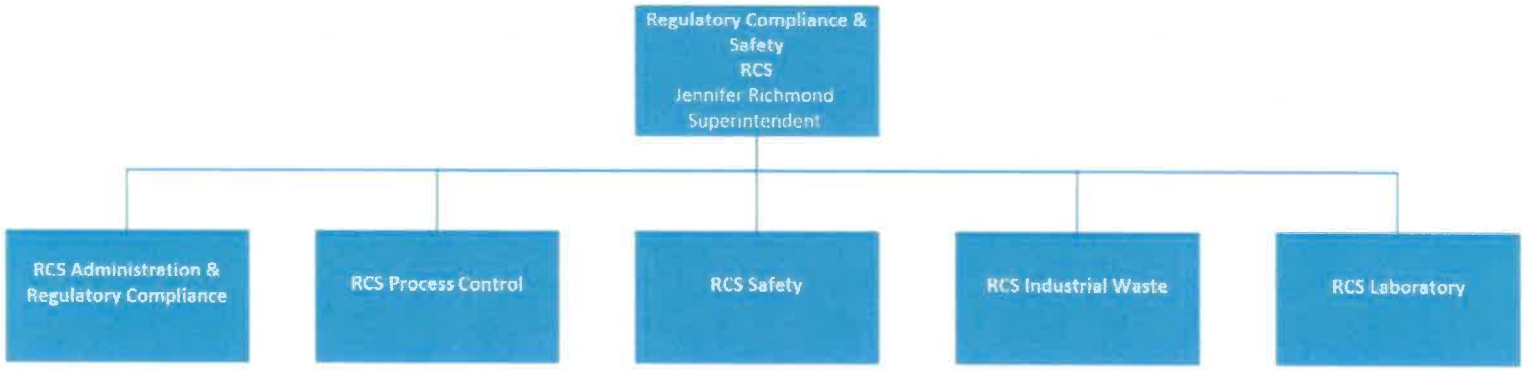
Appendix B - Organization Chart

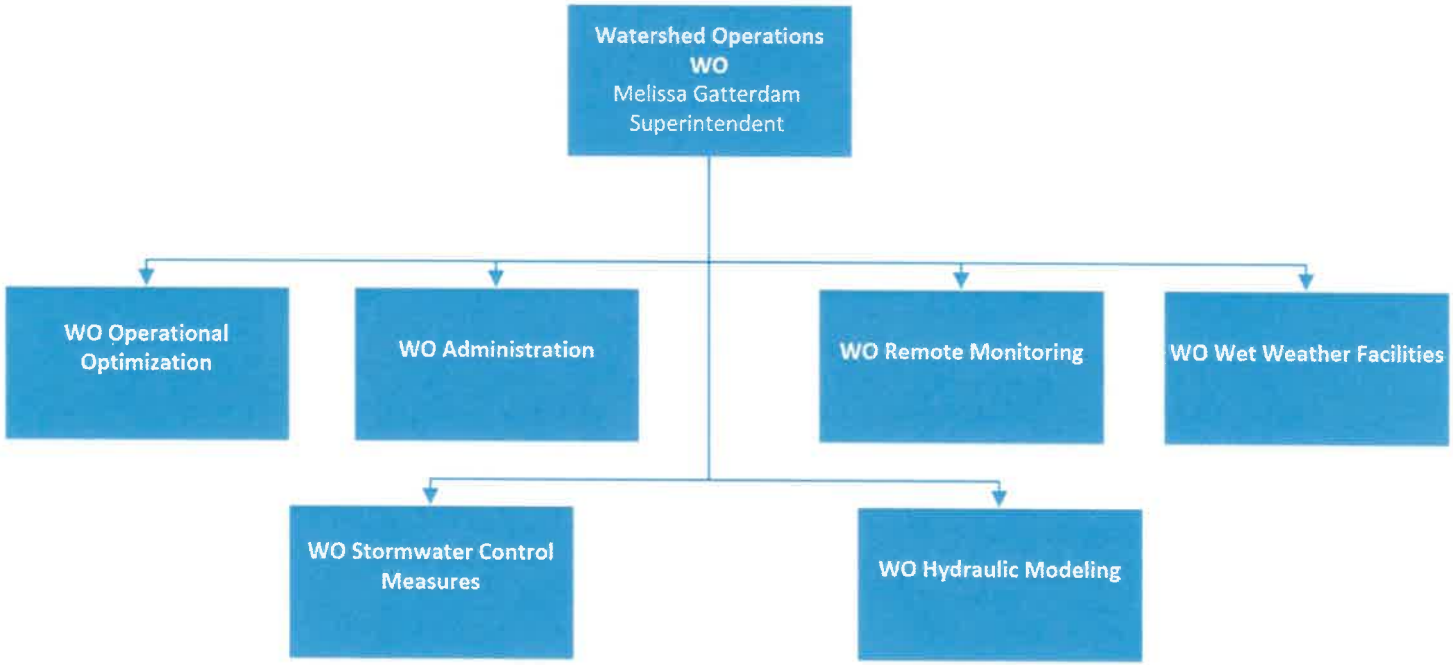


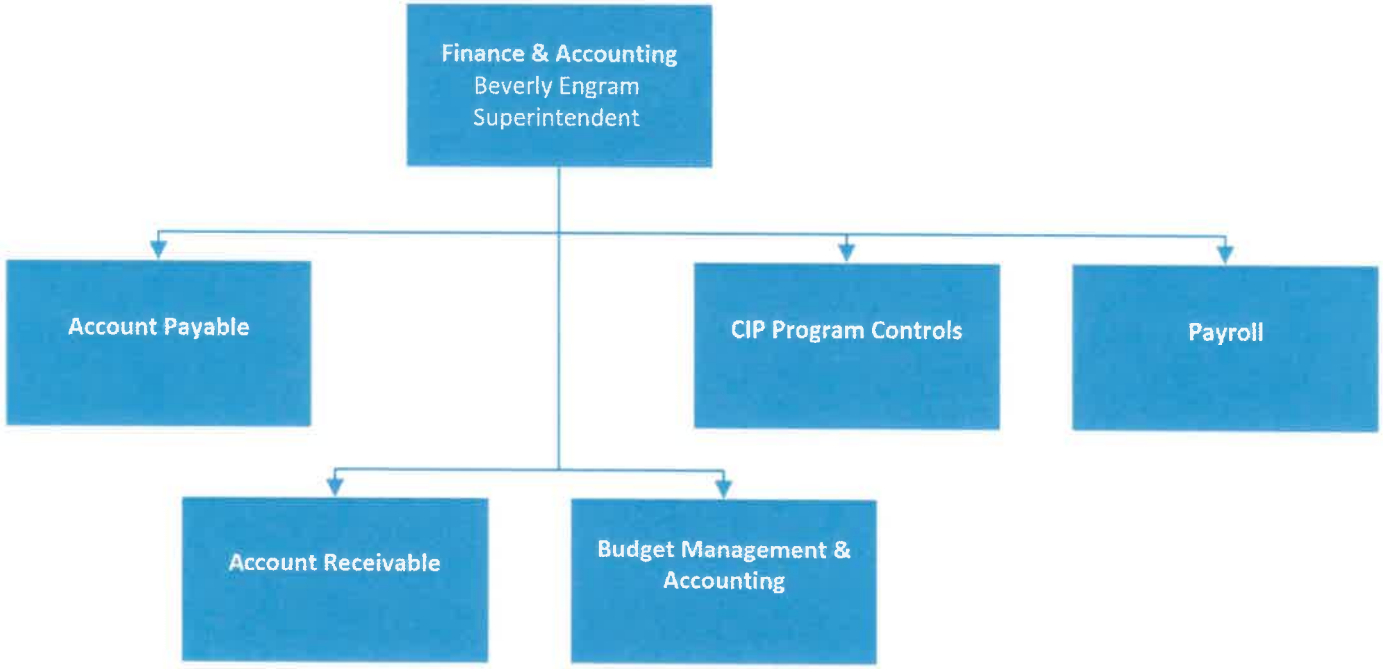

Wastewater Engineering
WWE
Pat Arnette
Sewers Chief Engineer
WWE Administration
WWE Construction
WWE Development Services & Conveyance Planning
WWE Facility Planning & Project Management
WWE Quality Assurance/ Quality Control
WWE Right-of-Way
WWE Facility Asset Management
WWE Conveyance Project Management

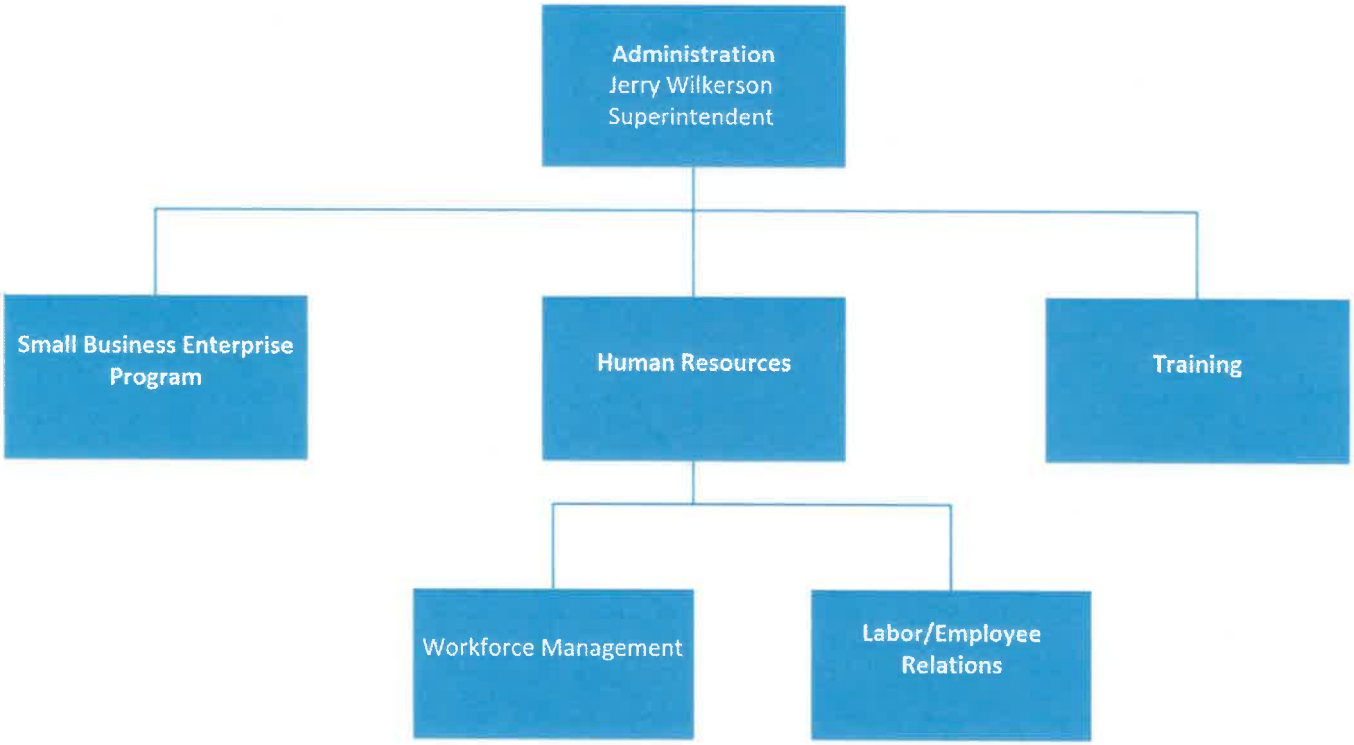

Wastewater Treatment
WWT
Vanessa Smedley
Superintendent
WWT Polk Run Section
WWT Taylor Creek Section
WWT PDM/Planning & Scheduling
WWT Resource Planning
WWT Millcreek Section
WWT Little Miami Section
WWT Maintenance Section
WWT SCADA Section
WWT Sycamore Section
WWT Muddy Creek Section
WWT Engineering Section
WWT Pump Stations Section

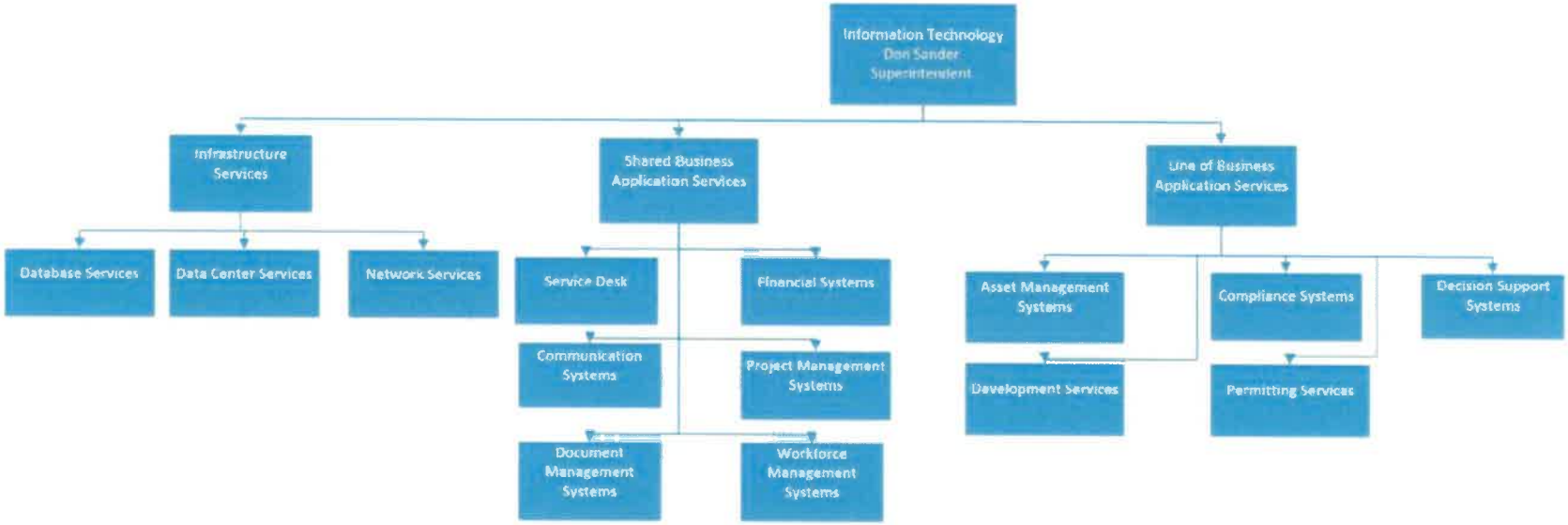

Wastewater Collection
WWC
Mike Pittinger
Superintendent
WWC Administration & Support
WWC Customer Service
WWC Expert Services
WWC Equipment & Vehicles
WWC Assessment Management
WWC Asset Management
WWC Mechanical Maintenance
WWC Asset Renewal
WWC Facilities

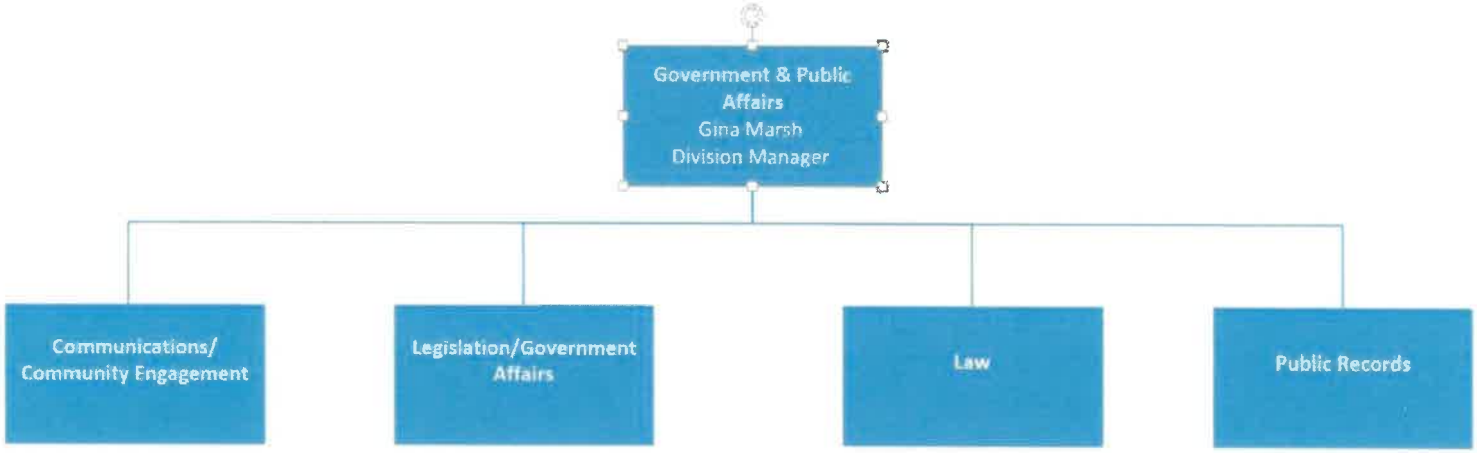

Regulatory Compliance & Safety
RCS
Jennifer Richmond
Superintendent
RCS Administration & Regulatory Compliance
RCS Process Control
RCS Safety
RCS Industrial Waste
RCS Laboratory


Watershed Operations
WO
Melissa Gatterdam
Superintendent
WO Operational Optimization
WO Administration
WO Remote Monitoring
WO Wet Weather Facilities
WO Stormwater Control Measures
WO Hydraulic Modeling


Finance & Accounting
Beverly Engram
Superintendent
Account Payable
CIP Program Controls
Payroll
Account Receivable
Budget Management & Accounting


Administration
Jerry Wilkerson
Superintendent
Small Business Enterprise Program
Human Resources
Training
Workforce Management
Labor/Employee Relations


Information Technology
Don Sander
Superintendent
Infrastructure Services
Shared Business Application Services
Line of Business Application Services
Database Services
Data Center Services
Network Services
Service Desk
Financial Systems
Communication Systems
Project Management Systems
Document Management Systems
Workforce Management Systems
Asset Management Systems
Compliance Systems
Decision Support Systems
Development Services
Permitting Services


Government & Public Affairs
Gina Marsh
Division Manager
Communications/ Community Engagement
Legislation/Government Affairs
Law
Public Records

Appendix C - Expert Services

7289 - Expert Services - 2017 Budget Request

Items	2016 Approved Budget	2017 Budget	Variances
OOD	$1,005,000	$805,000	($200,000)
Contract DB Development, Phase 1 - IT analysis	$5,000		($5,000)
Contract DB Development, Phase 1 - Needs, Uses, & Outline	$15,000		($15,000)
Contract Procedures training	$10,000		($10,000)
Contract Procedures Training Development	$25,000		($25,000)
Rate Study and Financial Mgt Support	$500,000	$805,000	$305,000
Communications	$150,000		($150,000)
Strategic Planning & Benchmarking	$150,000		($150,000)
Procurement Support	$150,000		($150,000)
WWA	$830,000	$830,000	
Asset Management services	$35,000	$120,000	$85,000
Business Intelligence development (reports, dashboards...)	$32,500		($32,500)
Peoplesoft Upgrade and development services	$40,000	$200,000	$160,000
Econ. Inclusion, Legal, System support, Outreach, SBE Compliance, Contractor Capacity			
FloWatch hosting services	$50,000		($50,000)
Infrastructure Professional Services	$50,000		($50,000)
Laboratory technical services (reports, development)	$22,000	$10,000	($12,000)
OnBase development services	$45,000	$50,000	$5,000
Program Development, Org. Assessment, County Svc's	$150,000		($150,000)
Service Desk Supplemental Staff	$50,000		($50,000)
SharePoint development	$75,000	$75,000	
IT Service Management Services		$30,000	$30,000

Cityworks Dispatch Decision Support Tool		$25,000	$25,000
Workforce Training, Background checks, Org. Development	$200,000		($200,000)
Job Classifications	$80,500	$80,500	
Testing (Ergometrics)		$100,000	$100,000
Misc Testing		$10,000	$10,000
Background Fee		$5,000	$5,000
Advanced Leadership Skills		$15,000	$15,000
Leadership Supervisory Development - New Supervisors		$30,000	$30,000
Supervisor/Manager Essential Skills		$17,000	$17,000
End User Computer Training		$12,000	$12,000
Career Building Initiatives		$20,000	$20,000
Career Development Training (Core Essentials)		$20,000	$20,000
Annual Department Wide Cross-participation		$100,000	$100,000
Superintendent's Organizational Development Requests		$25,000	$25,000
Hosted Webinars or Webcasts (WEF, ATD, SHRM, & others)		$10,000	$10,000
Overall Reduction		($124,500)	($124,500)
WWE	$270,000		($270,000)
Model Maintenance Support	$10,000		($10,000)
Others - Based on Historical trend	$60,000		($60,000)
Hamilton County Planning	$120,000		($120,000)
Ribway Engineering (Planning Services and support)	$80,000		($80,000)
WWT	$1,015,950	$893,649	($122,301)
Aeration tank performance testing	$108,000	$108,000	
Air emission regulatory testing	$53,500	$25,500	($28,000)
Business process improvements	$50,000		($50,000)
Condition monitoring services	$25,000	$25,500	$500
Discharge and Sewer Sludge Fees	$50,200	$39,750	($10,450)
East/West Automation project	$200,000		($200,000)
Facility inspections	$12,250		($12,250)
Laboratory services	$42,000	$10,000	($32,000)

Maintenance management software development	$100,000		($100,000)
MCTP Incinerator performance testing	$200,000	$200,000	
Odor Control Phase 2	$150,000	$140,149	($9,851)
Supplemental services	$25,000		($25,000)
Asbestos Removal and Repair		$3,000	$3,000
Boiler/Elevator/Hoists Inspections		$1,250	$1,250
Regulatory Testing		$8,000	$8,000
Phosphorus Study		$300,000	$300,000
Mercury Scrubber		$20,000	$20,000
Predictive Maintenance		$12,500	$12,500
WWC	$5,638,895	$5,607,000	($31,895)
Building Alarm Monitoring	$7,000	$7,000	
Business Process Certification Program	$200,000	$150,000	($50,000)
Customer Communication	$200,000	$150,000	($50,000)
Geotechnical Support & Preconstruction Surveys	$50,000	$50,000	
Technical Staff Supplementation	$200,000	$100,000	($100,000)
WWC Vehicle GPS	$75,000	$75,000	
Sewer Condition Assessment and Cleaning	$4,906,895	$5,000,000	$93,105
Pilot Learning Management System (LMS)		$75,000	$75,000
RCS	$200,000	$200,000	
Treatment Process Enhancement through Lab Program.	$200,000		($200,000)
Regulatory Support		$50,000	$50,000
Surcharge Evaluation		$50,000	$50,000
Lab Expert		$50,000	$50,000
Lab UST		$50,000	$50,000
WO	$3,035,000	$2,995,000	($40,000)
Support services for CSO distributed treatment technologies	$265,000	$625,000	$360,000

Performance management services for Real Time Control (RTC) and High Rate Treatment (HRT) facilities	$370,000	$250,000	($120,000)
Programmatic management and support for MSDGC's Remote Monitoring Program	$400,000	$120,000	($280,000)
Expansion of the wet weather operational capabilities through use of the GE IP Prophecy system.	$2,000,000	$2,000,000	
SBU	$3,039,000	$2,100,000	($939,000)
Sewer Backup Claim Valuation	$32,000		($32,000)
Sewer Backup Customer Services	$900,000	$100,000	($800,000)
Sewer Backup Prevention Program	$2,107,000	$2,000,000	($107,000)
Total Funded Request	**$15,033,845**	**$13,430,649**	**($1,603,196)**

Appendix D - Sundry Contractual Services

7299 - Sundry Contractual Services - 2017 Budget Request

Items	2016 Budget	2017 Budget	Variances
WWA	$41,000	$60,600	$19,600
Financial Audits	$41,000	$55,000	$14,000
UPS, Federal Express		$5,000	$5,000
Document management and Disposal		$600	$600
WWT	$3,353,000	$4,264,800	$911,800
Grass cutting and vegetation control	$48,000	$78,800	$30,800
HVAC maintenance agreement. Oil analysis.	$53,000	$53,000	
Landfill fees	$330,000	$330,000	
Landscaping services	$250,000	$100,000	($150,000)
Liquid Sludge Hauling to Little Miami or Mill Creek			
Locksmith services	$1,000	$21,000	$20,000
Misc material disposal	$1,500		($1,500)
Monthly PM and Emergency Repair of Stand-by Generators	$40,000	$40,000	
Remote monitoring data plan	$20,000	$25,000	$5,000
Remote monitoring services	$50,000	$50,000	
SCADA and telemetry programming services	$107,500	$107,500	
Sludge hauling of dewatered cake to landfill	$2,008,000	$2,370,000	$362,000
Sludge hauling and disposal	$180,000	$515,000	$335,000
Telemetry call center monitoring	$100,000	$100,000	
Telemetry system support	$25,000	$25,000	
Underground storage tank fees	$5,000	$5,000	
Vactor services for cleaning incinerator when off line	$12,000	$20,000	$8,000
Vactor services for cleaning of wet well	$12,000	$20,000	$8,000
Vactor services for cleaning of wet wells and aeration tanks	$110,000	$200,000	$90,000

Harzardous Material Remediaton		$50,000	$50,000
Lubricant, Hydraulic Fluid, and Wear Particle Analysis		$30,000	$30,000
Predictive maintenance personnel mentoring, certification examinations and as-needed staff supplementation		$50,000	$50,000
Grit and Screening removal		$264,000	$264,000
PM, Maintain and Repair Computer-Controlled HVAC in CMF & Administration buildings.		$15,000	$15,000
MACT Testing Requirements (3)		$69,000	$69,000
Overall Reduction		($273,500)	($273,500)
WWC	$103,133	$120,500	$17,367
Chemical Disposal Services	$5,000	$5,000	
Crane Inspection/Repair Services	$7,500	$7,500	
Driveway/Lot Sweeping Services	$4,000	$4,000	
Landfill Services	$54,000	$54,000	
Machine Shop Services	$10,000	$10,000	
Parts Washer Services	$4,000	$4,000	
Pest Control Services	$2,633	$20,000	$17,367
Radio Reapir Services	$1,000	$1,000	
Tree Removal Serivces	$15,000	$15,000	
RCS	$546,000	$530,000	($16,000)
Algae pilot project	$50,000	$40,000	($10,000)
As Needed Program Support	$20,000	$20,000	
Documentation of Program Activities	$45,000	$45,000	
Industrial Hygiene support; haz assessments; air sampling	$300,000	$300,000	
ipacs customized enhancements	$35,000	$35,000	
Local Limits Development	$50,000	$50,000	
Water quality pilot project	$50,000	$40,000	($10,000)
Reduction	($4,000)		$4,000

WSO	$1,680,000	$2,039,900	$359,900
Contracted preventative and reactive maintenance for all green infrastructure/stormwater control measures and includes assets both above and below ground.	$200,000	$134,900	($65,100)
Contract services for the installation, removal and all site maintenance of remote field monitoring equipment, including level sensors, flow meters, and rain gauges.	$1,480,000	$1,550,000	$70,000
CSO/SSO monitoring and reporting		$355,000	$355,000
SBU	$1,080,422	$1,000,000	($80,422)
Sewer Backup Cleaning Contractors	$1,080,422	$1,000,000	($80,422)
7299 Total Request	**$6,803,555**	**$8,015,800**	**$1,212,245**

Appendix E - Software & License

Software & License

Vendor/Software	2016 Budget	2017 Budget
24/7 Tango	$ 23,958	$ 24,013
3dVision SolidWorks	$ 4,828	$ 5,311
Adobe Acrobat Pro CLP (Dell) 2YR	$ -	$ 16,595
ArcGIS GeoEvent Processor	$ 1,979	$ -
ArcGIS Online	$ 34,062	$ -
ArcGIS Server/ArcGIS Online	$ 26,272	$ 84,639
ArcView Editor for Infomaster	$ -	$ -
Azteca CityWorks	$ 96,957	$ 99,143
Bentley Flowmaster	$ 1,470	$ 1,397
Bi-Cycle	$ 8,706	$ 8,163
BIOVIA CISPro		$ 13,159
CBTS (Juniper support)	$ 45,334	$ 36,011
ChemSW CISpro	$ 12,983	$ -
Computational Hydraulics (CHI)	$ 8,015	$ 8,624
Cornerstone Controls Guardian	$ -	$ 3,670
Crystal Reports	$ -	$ 1,000
CustomGuide	$ 10,279	$ 10,445
Datacenter	$ -	$ -
Dell Altiris (SCADA)	$ -	$ -
Dell ControlPoint	$ 5,273	$ 6,908
Dell Microsoft SA	$ 173,674	$ 75,000
Dell Office 365	$ -	$ 81,000
Dell Symantec Endpoint	$ -	$ -
Dell Symantec Endpoint (SCADA)	$ -	$ -

DLT Solutions AutoDesk	$ 24,152	$ 26,593
E-Man electronic compliance		$ 2,420
Emerson UPS (2 yrs)	$ 43,225	$ 15,211
EnfoTech iPACS	$ 62,890	$ 69,179
EnvioSim BioWin	$ 4,235	$ 4,500
FlowFinity	$ -	$ 66,000
Freeance	$ -	$ 9,625
Hydromatis GPS-X	$ 7,561	$ 7,561
IBM Maximo	$ 214,464	$ 238,528
Innovyze InfoSWMM and CapPlan	$ 75,625	$ 30,000
IPS OMS Connect	$ 13,310	$ 12,100
JMS Software	$ 5,322	$ 5,058
Kronos	$ 62,942	$ 45,251
Labworks LLC	$ 48,922	$ 53,658
Latitude Geographics Geocortex		$ 6,820
MC2 ICE	$ 4,780	$ 4,345
MCPC Citrix Xendesktop and Netscaler	$ 102,667	$ 72,575
MCPc EMC PowerPath		$ -
MCPc RSA Securcare	$ -	$ -
MCPc Veeam	$ 7,425	$ 13,600
MCPc Vmware	$ -	$ 15,051
Mythics Oracle Database	$ 45,411	$ 85,000
Mythics Peoplesoft (co-termed w/ Primavera & Purchasing)	$ 84,188	$ -
Netwave Polycom CMA	$ 13,085	$ -
Norex	$ -	$ 6,908
OARNet Airwatch MDM	$ 12,012	$ 13,215
OARNet Airwatch MDM True Up	$ 1,016	$ 1,346
OARNet VMWare		$ 34,221
OARNet vSphere	$ 12,746	$ 34,221
OCG ChangeGear	$ 10,151	$ 9,643
OCG ExaGrid	$ 922	$ 27,866

OCG Primavera (co-termed)	$ -	$ 53,110
OnBase	$ 13,831	$ 18,000
OnCenter Takeoff	$ 4,227	$ 3,842
Oracle Peoplesoft Purchasing	$ -	$ -
PCM Seagull Scientific Bartender	$ 305	$ 335
PCM Symantec Enterprise Vault	$ -	$ -
PCM Symantec NetBackUp	$ 64,464	$ 74,780
PCM Vmware Shavlik	$ 4,789	$ 5,244
PCM Whatsup Gold	$ 3,941	$ 1,895
Peninsular PipeTech	$ 12,240	$ 14,138
PerkinElmer LIMS Link		$ 4,703
Richard Palmer & Associates	$ 1,100	$ 1,100
RoundTower NS120 & Vmware	$ 24,215	$ -
SHI Tricerat	$ 4,574	$ -
SOLUFY	0	$ 990
TechSmith Camtasia	$ 189	$ 208
Telog	$ 4,932	$ 5,251
Versata Alertfind	$ 11,775	$ 17,809
Websense	$ -	$ 5,000
TWC Fiber		$ 24,750
TWC Coax		$ 4,000
TWA DA Convertor		$ 1,100
CustomGuide		$ 9,000
CISPro		$ 12,000
Norex		$ 5,200
Quest		$ 245
Global Care (GE Proficy Annual Support)		$ 150,000.00
Shavlik Server License		$ 2,560.00
Shavlik Client License		$ 320.00
Vmware service agreement extension		$ 15,000.00
Symantec Endpoint Protection (Antivirus)		$ 3,750.00

Techconnect Rockwell Automation Annual Support		$ 25,000.00
Cisco IPS Annual Support		$ 5,000.00
Remote Alarming Software and License		$ 20,000.00
Vmware License for Telemetry Network (per processor)		$ 3,600.00
WebCo	$ -	$ 2,055.00
SBU Software & License Fees		$ 3,562.00
WWC Software & License Fees		$ 75,589.00
Total Request	**$ 1,461,422**	**$ 1,954,708**

Appendix F – Travel & Training

Department	Class or Event	Date of Class (month)	7213-Travel Expense Local	7214-Travel Expense Non-Local	7215-Training
WSO	Ohio Stormwater Conference			$1,400	$100
WSO	OWEA Conference			$1,300	$200
WSO	OWEA Conference			$1,300	$200
WSO	WEFTEC			$3,600	$400
WSO	PLC logic training				$2,500
WSO	WEFTEC			$3,600	$400
WSO	TBD			$4,000	$4,000
WSO	TBD			$4,000	$400
WWT	WEFTEC 2017	September 30 to October 4, 2017		$15,000	$5,000
WWT	OWEA State Conference	6/1/2017	$2,000		
WWT	National Electric Code Training		$1,000		
WWT	Generator Training				$3,500
WWT	International Maintenance Conference			$4,000	
WWT	SWOWEA Section Meetings	March/May/September			$450
WWT	SWOWEA Plant Ops Seminar	June			$150
WWT	OWEA Annual Conference				$1,500
WWT	OWEA Plant Ops Seminar 2-day, Columbus – 3 attendees @ $600 ea = $1800			$1,000	$900
WWT	SWOWEA Plant Ops Seminar	November			$600
WWT	Various committee meetings for SWOWEA, OWEA and WEF	Throughout the Year	$200		
WWT	Substation Maintenance Training	TBD			$20,000

WWT	Substation Maintenance Training				$8,000
WWT	ISA Level 2 Certification				$5,000
WWT	GE Proficy software training				$15,000
WWT	Cyber Security training			$8,000	$1,000
WWT	UMC			$10,000	
WWT	CISCO training				$4,000
WWT	Vibration ($6,000) -				$6,000
WWT	IR Training ($5,000) -				$5,000
WWT	Oil Training				$3,000
WWT	Think Reliability RCA Training				$8,000
WWT	Laser Alignment				$6,000
WWT	Planning/Scheduling Training				$5,000
WWT	ISA Certification	Not Known at this time			$5,000
WWT	Utility Management Conference	Not Known at this time		**$5,000**	**$1,000**
WWT	Utility Management Conference	Not Known at this time		9,000	
WWT	Computer Training	Not Known at this time			1,000
WWT	GE Proficy software training	Not Known at this time			15,000
WWT	Cyber Security training	Not Known at this time		8,000	1,000
WWT	CISCO training	Not Known at this time			4,000
WWT	Safety Training	Not Known at this time			1,000
WWT	Machine Training	Not Known at this time			4,200
WWT	Substation Maintenance Training	Not Known at this time			16,000
WWT	Vibration	Not Known at this time			6,000
WWT	IR Training	Not Known at this time			5,000
WWT	Oil Training	Not Known at this time			3,000
WWT	Think Reliability RCA Training	Not Known at this time			8,000
WWT	Laser Alignment	Not Known at this time			6,000
RCS	Mileage Reimbursement		$500		

RCS			$1,532		
RCS					
RCS	WEF			$7,980	$4,040
RCS	OWEA			$2,000	$2,500
RCS	Five Cities			$3,000	$900
RCS	SWOWEA			$1,233	$2,005
RCS	enfotech			$6,000	
RCS	PittCon			$1,500	$2,000
RCS	NELAP			$1,516	$2,159
RCS	NACWA			$2,500	
RCS	Safety Training			$5,000	$60,000
RCS	OTCO				$357
FINANCE	5 Cities Plus Conference	Summer 2017		$3,500	$1,000
FINANCE	GFOA	May-17		$10,000	$2,500
FINANCE	Utility Management Conference	Jan-17		$1,500	$500
FINANCE	People Soft Training	Jan-17			$15,000
FINANCE	WEFTEC	September or October 2017		$6,000	$2,100

FINANCE	Various Training	2017			$20,000
IT	Maximo Training				$8,000
IT	Geocrotex Advanced Workflow Training				$2,120
IT	SQL Server Reporting Services				$3,000
IT	OnBase System Administration Training				$12,000
IT	SharePoint Administration and Workflow Training				$6,000
IT	PeopleSoft Administration Training				$6,000
IT	Active Directory Administration Training				$18,000
IT	ChangeGear Training				$10,000
IT	Server SAN VDI				$5,000
IT	Database Training (Oracle)				$2,500
IT	Network Training (CISCO)				$2,500
IT	PMI Training				$2,500
HR	NKU LMC Conference	May	$700		
HR	National SHRM Conference	June		$4,000	$1,800
HR	HR Conferences & Training	NA			$1,000
HR	Xavier Leadership Institute	NA			$1,000
HR	Regional SHRM Conference	NA		**$6,000**	
HR	Workforce Training				$20,000
HR	Organizational Development				$10,000

HR	NKU LMC Conference	May	$1,100		
HR	National SHRM Conference	June		$4,000	$1,800
HR	Regional SHRM Conference	NA		**$7,500**	
HR	Local Training/Conferences	NA	$2,000		
HR	ATD Annual Conference	NA		$4,500	
HR	XLC Leadership Institute	NA	$500		
SBE	B2GNow Conference	NA		$3,000	
SBE	American Contract Compliance Association Conference	NA		$6,000	
SBE	SBE Profession Training	NA			$5,000
WWE	N/A	N/a	$21,600		
WWE	N/A	N/a	$14,100		
WWE	WEF, Five Cities, Specialty Conferences, ODOT, Right of Way classes, DBIA	N/a		$23,300	
WWE	Five Cities, Specialty Conferences, ODOT, Right of Way classes, DBIA, WEF, Five Cities, Specialty Conferences, ODOT, Right of Way classes, DBIA	N/a			$57,990
WWC	ESRI - User Conference	July		$2,500	$1,500
WWC	NAFA Events	Various		$2,000	$1,500
WWC	NAFA Events	Various		$2,000	$1,500
WWC	2016 Annual PLSO Conference	February		$500	$500
WWC	OEPA Operator Training			$1,000	$5,000
WWC	Professional Development Content for LMS			NA	$50,000

WWC	Heavy Equipment and CDL Training	Various		NA	$100,000
WWC	Cityworks User Conference	December?		$12,000	$5,000
	Total Request (by Divisions)		**45,232**	**209,229**	**638,771**

	7213-Travel Expense	7214-Travel Expense	7215-Training
OOD	$7,069	$43,419	$20,788
WWE	$16,779	$20,021	$19,180
WWA	$3,975	$40,554	$43,634
WWT	$881	$42,173	$140,003
WWC	$1,312	$8,993	$39,032
RCS	$2,040	$35,801	$54,026
WO		$1,047	$0
SBU			$279
Total 2017 Budget Request	**$32,056**	**$192,008**	**$316,943**

Appendix G – Five Years History (Budget and Actual)

				Year	Values								
				2011		2012		2013		2014		2015	
App2	DEPT_CD2	Unit	App	BUDGET	EXPENDED	BUDGET	EXPENDED	BUDGET	EXPENDED	BUDGET	EXPENDED	BUDGET	EXPENDED
Personnel				$37,111,190	$33,335,399	$44,623,490	$45,154,712	$50,476,630	$46,148,215	$45,842,177	$45,206,689	$46,089,781	$43,642,016
	OOD			$1,523,020	$830,789	$1,625,240	$1,002,819	$1,297,060	$1,080,354	$1,385,778	$1,385,778	$2,183,536	$2,106,338
		410X0000				$0	$16,061	$14,620	$11,619	$0	$7,537	$1,389,203	$24,008
			71									$1,020,625	$0
			75			$0	$16,061	$14,620	$11,619	$0	$7,537	$368,578	$24,008
		410X1000		$1,523,020	$830,540	$1,625,240	$986,758	$1,282,440	$1,068,736	$1,385,778	$1,378,241	$794,333	$2,082,330
			71	$1,523,020	$830,540	$1,091,270	$653,378	$948,260	$744,705	$1,014,269	$1,014,269	$576,560	$1,591,701
			75			$533,970	$333,380	$334,180	$324,031	$371,509	$363,972	$217,773	$490,629
		410X2000		$0	$249	$0	$0						
			71	$0	$249	$0	$0						
		410X4000		$0	$0								
			71	$0	$0								
	WWE			$4,629,430	$4,629,430	$5,988,120	$5,986,600	$7,577,680	$5,860,391	$7,698,087	$7,697,533	$6,668,867	$6,522,027
		420X0000		$0	($298)	$280,470	$152,798	$53,445	$157,923	$40,500	$167,770	($9,516)	$37,502
			71	$0	($298)	$170,760	$8,363	$0	$0	$40,500	$0		
			75			$109,710	$144,436	$53,445	$157,923	$0	$167,770	($9,516)	$37,502
		420X1000		$159,450	$117,478	$169,460	$118,386	$198,334	$123,554	$267,110	$194,942	$1,981,890	$248,375
			71	$159,450	$117,478	$121,550	$91,133	$150,179	$101,297	$230,670	$133,324	$1,872,619	$187,440
			75			$47,910	$27,253	$48,155	$22,258	$36,440	$61,618	$109,271	$60,935

420X2000	$1,546,470	$352,904	$1,103,440	$462,017	$75,213	$470,028	$614,246	$590,355	$127,040	$761,257
71	$1,546,470	$352,904	$841,950	$228,236	$40,570	$332,109	$319,496	$454,579	$19,690	$618,116
75			$261,490	$233,782	$34,643	$137,919	$294,750	$135,776	$107,350	$143,141
420X3000	$23,140	$74,261	$225,030	$210,225	$934,531	$424,097	$631,526	$500,777	$441,043	$806,607
71	$23,140	$74,261	$136,780	$60,754	$631,390	$287,246	$419,129	$409,002	$33,350	$656,369
75			$88,250	$149,471	$303,141	$136,851	$212,397	$91,775	$407,693	$150,238
420X4000	$0	$67,782	$0	$92,831	$2,304	$0			$384,839	$0
71	$0	$67,782	$0	$71,144	$1,913	$0			$254,570	$0
75			$0	$21,688	$391	$0			$130,269	$0
420X5000	$956,900	$823,834	$946,370	$1,240,701	$1,090,353	$1,169,575	$951,241	$1,050,223	$43,131	$978,715
71	$956,900	$823,834	$558,520	$845,800	$649,738	$795,141	$730,820	$743,625	$31,035	$727,585
75			$387,850	$394,901	$440,615	$374,434	$220,421	$306,598	$12,096	$251,130
421X0000			$0	$61,735	$40,615	$38,955	$468,528	$23,534	$257,000	$70,878
71							$468,528	$0		
75			$0	$61,735	$40,615	$38,955	$0	$23,534	$257,000	$70,878
421X1100	$357,470	$867,728	$1,404,610	$952,039	$1,210,254	$1,173,608	$2,058,789	$2,542,303	$2,436,693	$741,860
71	$357,470	$867,728	$848,430	$660,936	$790,984	$895,305	$1,485,236	$1,851,775	$2,361,746	$560,984
75			$556,180	$291,103	$419,270	$278,303	$573,553	$690,528	$74,947	$180,876
421X2100	$681,340	$307,305	$398,590	$327,667	$503,158	$197,936	$244,800	$224,655	$290,150	$350,519
71	$681,340	$307,305	$247,600	$166,688	$368,181	$141,131	$149,406	$214,288	$138,050	$296,804
75			$150,990	$160,979	$134,977	$56,805	$95,394	$10,367	$152,100	$53,715
421X3100	$66,930	$951,149	$493,850	$1,210,641	$1,816,297	$1,023,029	$647,430	$1,086,015	$263,884	$1,047,915
71	$66,930	$951,149	$357,830	$819,467	$891,934	$702,181	$485,355	$782,146	$56,730	$784,399
75			$136,020	$391,174	$924,363	$320,848	$162,075	$303,869	$207,154	$263,516

421X4100	$503,490	$504,969	$307,710	$464,265	$553,590	$364,038	$1,188,753	$506,848	$119,111	$523,851
71	$503,490	$504,969	$231,070	$267,047	$398,484	$251,919	$928,153	$375,962	$45,210	$419,910
75			$76,640	$197,218	$155,106	$112,120	$260,600	$130,886	$73,901	$103,941
421X5100	$61,370	$395,093	$223,550	$504,556	$619,839	$661,461	$319,514	$724,728	$329,081	$717,757
71	$61,370	$395,093	$147,110	$271,691	$396,643	$429,046	$186,182	$520,448	$233,113	$542,410
75			$76,440	$232,865	$223,196	$232,415	$133,332	$204,280	$95,968	$175,347
421X6100	$221,350	$164,258	$402,660	$188,739	$479,747	$56,186	$265,650	$85,384	$4,521	$236,792
71	$221,350	$164,258	$337,310	$69,333	$350,774	$36,587	$137,888	$96,129	$4,521	$230,555
75			$65,350	$119,406	$128,973	$19,599	$127,762	($10,745)	$0	$6,238
421X7100	$51,520	$2,966	$32,380	$0						
71	$51,520	$2,966	$21,840	$0						
75			$10,540	$0						
WBS	$5,124,900	$4,344,457	$5,806,630	$5,994,317	$6,367,380	$5,936,797	$5,557,502	$5,187,432	$5,599,258	$5,377,536
430X0000	$2,895,630	$564,750	$819,690	$535,376	$604,713	$428,875	$682,666	$560,476	$1,131,532	$534,819
71	$2,895,630	$564,750	$636,860	$292,566	$426,454	$241,324	$645,615	$380,043	$742,839	$376,994
75			$182,830	$242,810	$178,259	$187,551	$37,051	$180,433	$388,693	$157,825
430X1000	$0	$259,899	$333,350	$361,441	$363,564	$367,458	$467,288	$275,374	($31,854)	$417,323
71	$0	$259,899	$238,530	$269,148	$261,536	$268,113	$317,378	$212,891	$48,980	$345,514
75			$94,820	$92,293	$102,028	$99,345	$149,910	$62,483	($80,834)	$71,809
430X2000	$0	$305,937	$618,540	$506,167	$633,140	$504,344	$462,227	$465,545	$870,163	$662,147
71	$0	$305,937	$436,820	$357,698	$434,324	$354,785	$294,641	$341,256	$719,060	$505,806
75			$181,720	$148,469	$198,816	$149,559	$167,586	$124,290	$151,103	$156,341
430X3000	$0	$720,831	$573,280	$922,711	$998,137	$946,955	$817,279	$889,946	$1,094,740	$682,012

	71	$0	$720,831	$207,690	$620,470	$624,373	$627,228	$472,499	$624,793	$760,870	$493,383
	75			$365,590	$302,240	$373,764	$319,727	$344,780	$265,153	$333,870	$188,629
	430X4000	$0	$229,613	$465,280	$282,112	$537,075	$396,515	$439,088	$257,934	$15,838	$481,776
	71	$0	$229,613	$338,730	$210,970	$384,825	$312,077	$280,420	$200,670	$1,280	$381,476
	75			$126,550	$71,143	$152,250	$84,438	$158,668	$57,264	$14,558	$100,300
	430X5000	$0	$380,234	$519,090	$496,108	$513,791	$472,989	$303,914	$479,502	$302,749	$385,910
	71	$0	$380,234	$376,790	$383,706	$389,818	$373,390	$194,397	$399,848	$277,660	$315,193
	75			$142,300	$112,402	$123,973	$99,598	$109,517	$79,654	$25,089	$70,717
	431X0000	$0	$1,764,899	$2,105,780	$2,675,047	$2,440,318	$2,610,765	$1,417,418	$2,180,624	$217,434	$2,173,721
	71	$0	$1,764,899	$1,392,600	$1,850,396	$1,674,279	$1,768,446	$756,628	$1,531,314	$123,860	$1,644,388
	75			$713,180	$824,651	$766,039	$842,319	$660,790	$649,311	$93,574	$529,332
	431X1000	$2,229,270	$118,293	$371,620	$215,356	$276,642	$208,897	$967,622	$78,030	$1,998,656	$39,828
	71	$2,229,270	$118,293	$270,860	$150,251	$166,801	$141,868	$904,872	$60,159	$1,550,390	$28,730
	75			$100,760	$65,105	$109,841	$67,029	$62,750	$17,871	$448,266	$11,099
WWT		$15,231,930	$14,071,730	$18,457,730	$19,618,187	$21,374,070	$19,841,130	$18,659,997	$18,451,915	$18,514,677	$17,307,666
	441X0000	$771,480	$678,721	$1,106,730	$1,004,923	$1,256,320	$923,717	$985,647	$1,008,405	$649,162	$660,803
	71	$771,480	$678,721	$743,120	$699,100	$740,480	$631,169	$741,367	$748,976	$497,632	$509,844
	75			$363,610	$305,824	$515,840	$292,548	$244,280	$259,430	$151,530	$150,960
	441X1000							$24,350	($83,178)	$45,080	$0
	71							$8,630	($55,910)	$43,160	$0
	75							$15,720	($27,269)	$1,920	$0
	442X0000	$4,527,610	$4,516,062	$5,572,620	$6,377,586	$6,738,330	$6,737,948	$6,489,200	$6,444,328	$6,242,110	$5,941,698
	71	$4,527,610	$4,516,062	$3,741,750	$4,345,265	$4,427,830	$4,573,308	$4,575,000	$4,532,483	$4,480,440	$4,331,259
	75			$1,830,870	$2,032,320	$2,310,500	$2,164,639	$1,914,200	$1,911,845	$1,761,670	$1,610,439

443X0000	$1,810,410	$1,726,857	$2,076,930	$2,523,447	$2,563,930	$2,571,861	$2,355,000	$2,350,674	$2,357,030	$2,336,270
71	$1,810,410	$1,726,857	$1,394,560	$1,733,426	$1,712,730	$1,715,802	$1,655,000	$1,654,916	$1,713,030	$1,707,719
75			$682,370	$790,021	$851,200	$856,060	$700,000	$695,758	$644,000	$628,551
444X0000	$1,224,870	$1,095,062	$1,458,120	$1,590,870	$1,506,720	$1,680,855	$1,768,000	$1,766,495	$1,711,480	$1,546,093
71	$1,224,870	$1,095,062	$979,060	$1,049,951	$965,050	$1,079,668	$1,206,000	$1,205,322	$1,256,340	$1,117,347
75			$479,060	$540,918	$541,670	$601,188	$562,000	$561,173	$455,140	$428,746
444X1000									$0	$0
75									$0	$0
445X0000	$765,160	$537,936	$799,220	$775,145	$944,720	$776,608	$720,000	$703,494	$656,740	$600,208
71	$765,160	$537,936	$536,640	$509,261	$623,940	$507,821	$490,000	$489,405	$438,060	$432,510
75			$262,580	$265,884	$320,780	$268,787	$230,000	$214,089	$218,680	$167,698
446X0000	$773,110	$542,511	$947,290	$827,117	$977,400	$702,477	$670,000	$667,010	$763,820	$744,825
71	$773,110	$542,511	$636,060	$555,202	$646,260	$466,369	$450,000	$447,593	$551,110	$549,771
75			$311,230	$271,915	$331,140	$236,109	$220,000	$219,417	$212,710	$195,054
447X0000	$758,900	$684,026	$844,660	$794,566	$814,590	$775,022	$643,000	$622,131	$774,900	$680,761
71	$758,900	$684,026	$567,150	$540,716	$555,430	$519,140	$440,000	$439,455	$549,700	$502,514
75			$277,510	$253,849	$259,160	$255,881	$203,000	$182,676	$225,200	$178,247
449X0000	$4,600,390	$4,290,554	$5,652,160	$5,724,534	$6,572,060	$5,672,642	$5,004,800	$4,972,555	$5,314,355	$4,797,009
71	$4,600,390	$4,290,554	$3,795,160	$3,836,421	$4,292,400	$3,815,461	$3,470,800	$3,466,848	$3,774,695	$3,538,867
75			$1,857,000	$1,888,113	$2,279,660	$1,857,181	$1,534,000	$1,505,707	$1,539,660	$1,258,142
WWC	$7,482,380	$6,729,608	$9,049,160	$9,000,095	$9,982,340	$9,838,132	$9,191,350	$9,140,071	$9,350,312	$8,775,082
450X0000	$7,482,380	($106,378)	$1,215,530	$307,941	$1,421,723	$350,624	$1,035,599	$274,555	$338,786	$30,990
71	$7,482,380	($106,378)	$1,030,110	($16,793)	$1,035,065	$21,522	$916,415	($35,951)	$94,686	($69,727)

75			$185,420	$324,734	$386,658	$329,102	$119,184	$310,505	$244,100	$100,717
450X1000	$0	$2,513,425	$1,443,920	$3,554,106	$1,263,179	$3,476,800	$1,262,642	$3,255,936	$833,310	$3,161,622
71	$0	$2,513,425	$965,000	$2,470,844	$853,926	$2,448,113	$886,920	$2,350,135	$635,790	$2,330,202
75			$478,920	$1,083,262	$409,253	$1,028,687	$375,722	$905,802	$197,520	$831,420
450X2000			$1,642,655	$0	$1,901,374	$0	$1,436,094	$0	$2,252,371	$0
71			$1,302,060	$0	$1,099,362	$0	$1,013,765	$0	$1,628,870	$0
75			$340,595	$0	$802,012	$0	$422,329	$0	$623,501	$0
450X3000	$0	$924,195	$1,490,950	$982,202	$918,628	$1,079,596	$1,020,257	$1,037,357	$1,070,170	$535,774
71	$0	$924,195	$977,660	$693,375	$598,724	$752,798	$686,090	$737,733	$754,560	$401,696
75			$513,290	$288,827	$319,904	$326,798	$334,167	$299,623	$315,610	$134,077
450X4000	$0	$100,060	$67,180	$9,517	$65,128	$19,732	$28,679	$26,768	$75,590	$4,924
71	$0	$100,060	$41,220	$7,039	$40,395	$9,556	$5,560	$17,896	$53,150	$2,865
75			$25,960	$2,479	$24,733	$10,177	$23,119	$8,872	$22,440	$2,059
450X5000	$0	$1,026,433	$1,355,800	$1,103,752	$1,119,169	$1,073,765	$1,073,934	$1,109,272	$1,053,104	$2,282,676
71	$0	$1,026,433	$867,270	$729,911	$706,980	$711,818	$744,930	$784,265	$756,975	$1,684,484
75			$488,530	$373,841	$412,189	$361,947	$329,004	$325,006	$296,129	$598,192
450X6000	$0	$454,715	$462,020	$795,143	$795,164	$895,646	$800,635	$855,339	$772,700	$984,207
71	$0	$454,715	$309,430	$560,579	$529,782	$621,303	$589,300	$629,487	$564,410	$731,822
75			$152,590	$234,563	$265,382	$274,343	$211,335	$225,852	$208,290	$252,385
450X7000	$0	$0							$0	$246,761
71	$0	$0							$0	$185,113
75									$0	$61,648
450X8000	$0	$1,405,116	$706,175	$1,595,968	$1,680,458	$2,159,122	$1,523,621	$1,880,106	$1,990,311	$955,075

	71	$0	$1,405,116	$145,060	$956,347	$1,009,265	$1,474,240	$764,470	$1,336,400	$1,553,440	$714,645
	75			$561,115	$639,621	$671,193	$684,882	$759,151	$543,707	$436,871	$240,430
	450X9000	$0	$412,043	$664,930	$651,466	$817,517	$782,846	$1,009,889	$700,738	$963,970	$573,054
	71	$0	$412,043	$438,270	$437,446	$516,821	$533,604	$703,680	$491,118	$669,610	$402,732
	75			$226,660	$214,020	$300,696	$249,243	$306,209	$209,620	$294,360	$170,322
RCS		$3,119,530	$2,729,385	$3,696,610	$3,552,695	$3,878,100	$3,591,412	$3,349,463	$3,343,959	$3,773,131	$3,553,366
	460X0000	$3,119,530	$0	$385,870	$122,120	$385,813	$122,123	$243,220	$143,594	$689,675	$143,489
	71	$3,119,530	$0	$325,510	$0	$282,613	$0	$206,330	$30,296	$498,428	$96,244
	75			$60,360	$122,120	$103,200	$122,123	$36,890	$113,298	$191,247	$47,246
	460X1000	$0	$532,956	$742,890	$565,005	$555,332	$539,418	$491,300	$329,012	$77,700	$450,373
	71	$0	$532,956	$523,660	$402,872	$378,525	$409,128	$394,180	$264,673	$59,250	$343,477
	75			$219,230	$162,133	$176,807	$130,290	$97,120	$64,339	$18,450	$106,896
	460X2000	$0	$459,419	$776,020	$656,669	$730,482	$755,168	$646,330	$776,006	$4,785	$775,746
	71	$0	$459,419	$542,320	$461,475	$508,298	$520,565	$482,860	$560,863	$3,030	$584,813
	75			$233,700	$195,194	$222,184	$234,603	$163,470	$215,144	$1,755	$190,933
	460X3000	$0	$530,678	$753,670	$776,009	$770,438	$756,903	$642,560	$658,448	$1,058,040	$670,465
	71	$0	$530,678	$504,890	$533,411	$507,324	$516,328	$417,960	$467,343	$730,727	$486,051
	75			$248,780	$242,598	$263,114	$240,575	$224,600	$191,105	$327,313	$184,414
	460X4000	$0	$1,206,332	$1,038,160	$1,432,892	$1,436,035	$1,417,800	$1,326,053	$1,436,898	$1,942,931	$1,513,293
	71	$0	$1,206,332	$585,720	$1,028,965	$938,830	$967,771	$842,720	$1,020,865	$1,395,680	$1,103,778
	75			$452,440	$403,927	$497,205	$450,029	$483,333	$416,033	$547,251	$409,515
WO								$0	$0	$0	$0
	470X0000							$0	$0	($260,470)	$0
	71							$0	$0	($206,370)	$0

75							$0	$0	($54,100)	$0
470X1000									$260,470	$0
71									$206,370	$0
75									$54,100	$0
SBU										
480X0000										
71										
75										
Non- Personnel	$71,831,382	$69,584,160	$46,520,425	$44,527,364	$65,165,490	$61,514,034	$63,786,052	$58,246,415	$61,152,477	$52,225,095
OOD	$2,089,570	$1,649,896	$1,360,190	$1,093,891	$13,289,100	$13,562,870	$2,661,037	$2,349,535	$3,242,000	$2,419,314
410X0000	$661,770	$198,234	$0	$10,790	$27,730	$106,092	$49,100	$75,320	$1,009,075	$62,781
72	$0	$6,295	$0	$9,101	$27,730	$105,742	$49,100	$74,436	$986,695	$62,581
73	$0	$18,428	$0	$1,689	$0	$350	$0	$0	$18,000	$10
74	$661,770	$173,511	$0	$0			$0	$884	$4,380	$190
410X1000	$1,427,800	$1,452,850	$1,360,190	$1,080,623	$13,261,370	$13,456,749	$2,611,937	$2,274,128	$2,232,925	$2,355,206
72	$1,127,800	$980,333	$1,016,190	$738,842	$11,903,920	$11,041,025	$2,091,937	$1,865,847	$1,628,305	$1,788,889
73	$20,000	$21,559	$17,200	$25,631	$17,950	$17,530	$20,000	$18,670	$9,000	$17,929
74	$280,000	$450,958	$326,800	$316,149	$1,339,500	$2,398,194	$500,000	$389,611	$595,620	$548,389
410X2000	$0	($1,188)	$0	$2,479	$0	$29	$0	$86	$0	$156
72	$0	$5,851	$0	$2,479	$0	$29	$0	$86	$0	$156
74	$0	($7,040)	$0	$0						
410X6000	$0	$0			$0	$0			$0	$1,171
72					$0	$0				
73	$0	$0							$0	$1,171

WWE	$2,846,730	$2,750,713	$643,440	$669,974	$928,810	$641,065	$1,415,848	$719,161	$544,050	$480,495
420X0000	$0	$1,173,493	$0	$14,584	$0	$9,564	$0	$33,460	$5,000	$2,675
72	$0	$3,690	$0	$12,727	$0	$5,034	$0	$33,099	$5,000	$1,052
73	$0	($2,010)	$0	$1,857	$0	$4,529	$0	$361	$0	$451
74	$0	$1,171,813	$0	$0	$0	$0			$0	$1,173
420X1000	$1,300,610	$171,936	$72,680	$79,331	$67,360	$61,761	$47,860	$222,266	$6,280	$9,019
72	$104,330	$150,234	$72,130	$70,539	$63,230	$58,952	$35,330	$211,388	$5,060	$8,438
73	$5,300	$5,841	$550	$7,000	$4,130	$1,789	$12,530	$8,775	$1,220	$581
74	$1,190,980	$15,861	$0	$1,792	$0	$1,020	$0	$2,102	$0	$0
420X2000	$18,830	($289,171)	$19,460	$13,198	$15,820	$4,318	$12,996	$9,808	$3,530	$3,733
72	$12,050	$20,944	$14,630	$8,066	$11,300	$4,318	$10,980	$9,355	$3,500	$3,733
73	$6,300	$920	$1,100	$0	$3,220	$0	$1,600	$0	$30	$0
74	$480	($311,035)	$3,730	$5,132	$1,300	$0	$416	$453	$0	$0
420X3000	$15,550	($113,524)	$22,640	$15,064	$30,450	$9,460	$575,562	$10,117	$7,000	$4,794
72	$12,050	$29,876	$16,350	$9,361	$28,500	$7,665	$574,010	$9,399	$1,500	$3,701
73	$3,500	$1,243	$1,580	$4	$200	$100	$660	$3	$2,000	$825
74	$0	($144,643)	$4,710	$5,699	$1,750	$1,695	$892	$715	$3,500	$268
420X4000	$0	$381	$800	$2,422	$0	$1,304	$30	$1,327	$5,000	$1,394
72	$0	$381	$800	$100	$0	$0	$30	$1,062	$5,000	$147
73	$0	$0	$0	$2,322	$0	$1,304	$0	$266	$0	$1,247
74	$0	$0								
420X5000	$33,790	$5,173	$21,140	$2,459	$16,300	$2,762	$43,552	$6,227	$0	$3,561
72	$23,830	$2,589	$17,860	$1,859	$16,100	$2,497	$29,650	$4,013	$0	$2,728
73	$2,400	$20	$600	$0	$200	$0	$210	$0		
74	$7,560	$2,564	$2,680	$600	$0	$265	$13,692	$2,214	$0	$833

420X6000							$0	$506	$0	$0
72							$0	$506	$0	$0
420X7000	$0	$0					$0	$230	$0	$0
72	$0	$0					$0	$230	$0	$0
421X0000	$0	$1,998,031	$0	$8,957	$0	($8,703)	$0	$2,310	$0	$50,383
72	$0	$1,272	$0	$0					$0	$0
73	$0	$6,491	$0	$0			$0	$494	$0	$3,697
74	$0	$1,990,268	$0	$8,957	$0	($8,703)	$0	$1,816	$0	$46,685
421X1000					$0	$0	$0	$0	$0	$0
72									$0	$0
73					$0	$0	$0	$0		
74					$0	$0				
421X1100	$1,121,630	$314,353	$258,620	$394,716	$555,916	$400,951	$614,651	$352,695	$371,020	$306,359
72	$125,130	$131,541	$110,900	$227,817	$375,389	$223,113	$124,594	$133,718	$221,500	$221,837
73	$60,800	$52,512	$69,280	$68,619	$57,983	$52,910	$49,110	$46,909	$16,660	$14,115
74	$935,700	$130,300	$78,440	$98,280	$122,544	$124,927	$440,947	$172,068	$132,860	$70,408
421X2100	$165,920	$152,414	$29,550	$10,301	$22,075	$12,945	$24,878	$5,593	$10,930	$4,259
72	$160,380	$223,768	$26,750	$5,642	$16,275	$9,009	$21,408	$3,173	$10,730	$3,364
73	$3,250	$1,681	$1,400	$1,000	$1,400	$691	$1,390	$999	$80	$895
74	$2,290	($73,035)	$1,400	$3,660	$4,400	$3,245	$2,080	$1,421	$120	$0
421X3100	$69,610	($132,929)	$105,510	$61,011	$97,394	$62,358	$44,866	$47,804	$81,950	$47,948
72	$38,990	$39,481	$73,060	$18,639	$47,361	$22,056	$7,366	$9,275	$35,260	$26,116
73	$19,750	$26,502	$7,400	$22,248	$27,547	$20,542	$21,520	$21,071	$30,690	$18,633
74	$10,870	($198,911)	$25,050	$20,124	$22,486	$19,761	$15,980	$17,457	$16,000	$3,199

421X4100	$55,660	($191,160)	$48,680	$29,275	$57,215	$51,130	$21,676	$12,321	$7,000	$19,482
72	$49,290	$19,563	$43,590	$16,589	$40,625	$38,904	$8,916	$4,319	$7,000	$13,903
73	$6,280	$7,710	$5,000	$10,163	$14,500	$7,276	$10,010	$7,416	$0	$5,578
74	$90	($218,433)	$90	$2,523	$2,090	$4,950	$2,750	$586	$0	$0
421X5100	$53,590	($169,458)	$49,760	$34,751	$56,865	$30,377	$21,091	$12,443	$35,340	$23,629
72	$47,800	$17,404	$44,670	$21,317	$44,175	$20,495	$10,921	$7,568	$26,970	$18,899
73	$5,700	$6,584	$5,000	$13,434	$12,600	$9,882	$9,420	$4,874	$8,370	$4,587
74	$90	($193,446)	$90	$0	$90	$0	$750	$0	$0	$143
421X6100	$5,540	($166,894)	$7,300	$3,187	$5,970	$2,147	$3,937	$1,824	$7,500	$1,603
72	$5,110	$2,046	$3,750	$3,048	$3,420	$1,822	$1,487	$1,104	$7,500	$1,454
73	$300	$0	$1,550	$0	$1,550	$0	$1,750	$136	$0	$0
74	$130	($168,940)	$2,000	$139	$1,000	$325	$700	$585	$0	$149
421X7100	$6,000	($1,933)	$7,300	$719	$3,445	$690	$4,749	$230	$3,500	$1,656
72	$4,000	$307	$3,750	$719	$895	$690	$1,509	$230	$3,500	$1,656
73	$2,000	$0	$1,550	$0	$1,550	$0	$1,800	$0		
74	$0	($2,239)	$2,000	$0	$1,000	$0	$1,440	$0		
WBS	$12,292,800	$11,777,884	$8,970,660	$8,659,047	$9,544,980	$8,585,613	$9,522,499	$8,971,020	$9,205,622	$7,579,073
430X0000	$8,296,880	$970,837	$6,065,390	$82,958	$5,938,020	$99,351	$4,684,619	$140,867	($356,298)	$92,487
72	$6,851,050	$49,637	$5,908,000	$61,028	$5,782,740	$69,102	$4,578,224	$93,929	($356,298)	$33,084
73	$104,170	$4,462	$90,140	$7,930	$88,520	$10,485	$76,395	$23,020	$0	$4,459
74	$1,341,660	$916,738	$67,250	$14,001	$66,760	$19,763	$30,000	$23,919	$0	$54,944
430X1000	$0	$314,825	$0	$286,283	$0	$98,067	$120,000	$919,558	$218,220	$510,822
72	$0	$301,478	$0	$280,146	$0	$70,541	$120,000	$908,874	$145,640	$483,636
73	$0	$11,879	$0	$5,629	$0	$25,960	$0	$7,553	$57,080	$25,929
74	$0	$1,468	$0	$508	$0	$1,566	$0	$3,130	$15,500	$1,256

430X2000	$0	$17,873	$0	$16,998	$0	$12,540	$0	$10,649	$63,550	$7,599
72	$0	$4,461	$0	$6,837	$0	$10,087	$0	$8,956	$39,330	$7,028
73	$0	$12,302	$0	$7,376	$0	$1,324	$0	$1,305	$14,000	$35
74	$0	$1,110	$0	$2,784	$0	$1,129	$0	$388	$10,220	$535
430X3000	$0	$6,270,501	$0	$5,232,686	$0	$4,891,184	$1,534,000	$4,821,766	$5,641,030	$4,191,705
72	$0	$6,263,151	$0	$5,220,229	$0	$4,888,135	$1,534,000	$4,821,499	$5,637,980	$4,088,557
73	$0	$7,200	$0	$10,607	$0	$2,898	$0	$117	$2,900	$10,436
74	$0	$150	$0	$1,851	$0	$150	$0	$150	$150	$92,712
430X4000	$0	$73,214	$0	$63,363	$1,300	$50,989	$1,330	$60,007	$1,340	$44,046
72	$0	$35,366	$0	$24,574	$0	$12,732	$0	$21,007	$0	$5,895
73	$0	$35,699	$0	$38,149	$1,300	$35,886	$1,330	$38,829	$1,340	$32,773
74	$0	$2,149	$0	$640	$0	$2,372	$0	$170	$0	$5,378
430X5000	$0	$9,672	$0	$7,292	$0	$1,180	$0	$1,717	$299,800	$3,500
72	$0	$5,414	$0	$6,241	$0	$1,150	$0	$1,717	$96,800	$1,150
73	$0	$45	$0	$82	$0	$30	$0	$0	$3,000	$0
74	$0	$4,213	$0	$970	$0	$0			$200,000	$2,350
430X6000	$0	$3,843	$0	$5,145	$0	$926	$0	$1,101	$0	$31,176
72	$0	$3,843	$0	$5,145	$0	$837	$0	$1,101	$0	$31,176
73					$0	$89	$0	$0		
74	$0	$0								
431X0000	$966,700	$772,620	$0	$36,677	$0	$34,642	$0	$17,922	$0	$715,665
72	$0	$18,208	$0	$23,771	$0	$17,725	$0	$12,414	$0	$41,015
73	$0	$0								
74	$966,700	$754,412	$0	$12,906	$0	$16,917	$0	$5,508	$0	$674,650
431X1000	$3,029,220	$3,344,499	$2,905,270	$2,927,644	$3,605,660	$3,396,734	$3,182,550	$2,997,434	$3,337,980	$1,982,072

72	$809,960	$1,014,936	$661,390	$590,407	$732,590	$588,540	$436,550	$375,771	$880,250	$318,986
73	$271,100	$256,498	$227,980	$182,617	$424,640	$416,944	$275,000	$271,381	$179,600	$120,529
74	$1,948,160	$2,073,065	$2,015,900	$2,154,619	$2,448,430	$2,391,250	$2,471,000	$2,350,282	$2,278,130	$1,542,557
431X3000			$0	$0						
73			$0	$0						
WWT	$33,784,022	$32,436,236	$22,578,255	$22,755,018	$24,422,120	$23,739,557	$23,914,026	$22,662,020	$23,910,518	$21,113,615
441X0000	$869,530	$289,287	$457,350	$42,307	$242,900	$114,381	$397,700	$154,463	$164,653	$120,342
72	$493,750	$24,107	$427,930	$34,677	$215,160	$103,917	$370,700	$140,411	$132,760	$104,811
73	$13,700	$1,399	$12,220	$1,630	$11,740	$4,915	$12,000	$7,762	$11,910	$9,115
74	$362,080	$263,781	$17,200	$6,000	$16,000	$5,549	$15,000	$6,290	$19,983	$6,415
441X1000	$0	$325,105	$0	$42,076	$0	$52,246	$0	$222,408	$0	$6,030
72	$0	$290,859	$0	$31,649	$0	$37,779	$0	$212,345	$0	$5,171
73	$0	$8,649	$0	$9,751	$0	$6,589	$0	$3,209	$0	$859
74	$0	$25,598	$0	$677	$0	$7,877	$0	$6,855	$0	$0
442X0000	$14,767,100	$14,352,702	$10,723,540	$11,182,223	$13,062,860	$11,374,903	$13,274,957	$11,581,532	$13,084,513	$11,318,683
72	$8,819,770	$7,892,330	$7,128,150	$7,024,171	$8,161,110	$6,747,737	$8,717,697	$7,324,990	$8,626,440	$7,201,717
73	$3,936,470	$4,697,593	$3,557,980	$4,146,614	$4,866,350	$4,617,465	$4,522,260	$4,242,485	$4,420,770	$4,090,793
74	$2,010,860	$1,762,779	$37,410	$11,438	$35,400	$9,701	$35,000	$14,056	$37,303	$26,172
442X1000	$0	$1,208,238	$0	$923,922	$375,000	$2,263,407	$129,000	$1,240,032	$0	$478,306
72	$0	$844,064	$0	$543,480	$375,000	$1,932,373	$129,000	$1,190,474	$0	$443,794
73	$0	$325,757	$0	$355,514	$0	$306,035	$0	$29,451	$0	$25,464
74	$0	$38,417	$0	$24,928	$0	$24,999	$0	$20,107	$0	$9,048
442X2000	$0	$58,879	$0	$12,362	$0	$39,541	$0	$1,499	$0	$0
72	$0	$51,752	$0	$7,734	$0	$1,440	$0	$0		
73	$0	$7,127	$0	$4,628	$0	$38,101	$0	$1,499	$0	$0

442X3000	$0	$108,438	$0	($11,555)	$0	($18,796)	$0	$8,236	$0	$8,041
72	$0	$3,775	$0	$6,106	$0	$3,481	$0	$3,136	$0	$2,860
73	$0	$104,662	$0	($17,661)	$0	($22,277)	$0	$5,100	$0	$5,181
443X0000	$4,890,810	$3,243,684	$3,547,140	$2,829,728	$3,446,120	$2,617,791	$3,952,819	$3,077,860	$3,295,180	$2,874,268
72	$3,113,950	$2,357,219	$2,683,780	$2,576,012	$2,517,230	$2,242,531	$2,793,019	$2,584,312	$2,352,448	$2,145,129
73	$920,100	$189,393	$794,130	$170,628	$922,100	$368,577	$872,300	$416,107	$861,850	$649,782
74	$856,760	$697,072	$69,230	$83,088	$6,790	$6,683	$287,500	$77,441	$80,882	$79,357
443X1000	$0	$1,037,198	$0	$721,248	$0	$617,774	$7,000	$466,781	$0	$7,277
72	$0	$464,522	$0	$178,863	$0	$146,936	$7,000	$78,495	$0	$6,244
73	$0	$572,412	$0	$541,849	$0	$470,772	$0	$388,286	$0	$1,033
74	$0	$264	$0	$536	$0	$66	$0	$0		
443X2000	$0	$152,426	$0	$61,912	$0	$27,176	$0	$50,627	$0	$0
72	$0	$59,742	$0	$4,479	$0	$4,837	$0	$213	$0	$0
73	$0	$91,619	$0	$57,432	$0	$22,339	$0	$50,414	$0	$0
74	$0	$1,065	$0	$0						
443X3000	$0	$126,590	$0	$125,645	$0	$31,719	$0	$5,039	$0	$484
72	$0	$838	$0	$498	$0	$495	$0	$368	$0	$484
73	$0	$125,752	$0	$125,147	$0	$31,224	$0	$4,671	$0	$0
444X0000	$2,187,440	$1,502,993	$1,520,920	$855,689	$1,515,300	$711,432	$1,258,600	$674,163	$1,503,758	$1,293,733
72	$1,331,650	$877,802	$1,207,570	$747,711	$1,168,700	$634,033	$908,500	$561,749	$1,120,110	$942,856
73	$318,000	$108,452	$304,150	$100,986	$336,200	$72,124	$341,000	$104,700	$371,010	$341,266
74	$537,790	$516,739	$9,200	$6,992	$10,400	$5,276	$9,100	$7,714	$12,638	$9,611
444X1000	$0	$608,890	$0	$439,659	$0	$631,367	$0	$487,038	$0	$51,251
72	$0	$441,322	$0	$281,681	$0	$405,275	$0	$292,127	$0	$40,168

73	$0	$165,562	$0	$155,699	$0	$223,663	$0	$193,610	$0	$10,749
74	$0	$2,006	$0	$2,278	$0	$2,429	$0	$1,301	$0	$335
444X2000	$0	$52,433	$0	$35,466	$0	$16,889	$0	$14,498	$0	$3,390
72	$0	$3,132	$0	$0						
73	$0	$49,301	$0	$35,466	$0	$16,889	$0	$14,498	$0	$3,390
444X3000	$0	$2,454	$0	$1,028	$0	$263	$0	$366	$0	$484
72	$0	$1,986	$0	$812	$0	$263	$0	$366	$0	$484
73	$0	$468	$0	$216	$0	$0				
444X8000	$0	$42,891	$0	$21,108	$0	$927	$0	$255	$0	$381
72	$0	$368	$0	$373	$0	$248	$0	$255	$0	$381
73	$0	$42,523	$0	$20,735	$0	$679	$0	$0		
445X0000	$1,872,610	$813,928	$1,152,470	$553,731	$1,079,370	$940,758	$998,600	$879,215	$1,111,630	$1,024,711
72	$1,113,000	$507,560	$839,020	$482,032	$794,130	$756,043	$791,000	$743,066	$876,370	$809,417
73	$414,100	$94,830	$309,970	$69,429	$280,880	$180,703	$202,600	$131,979	$230,210	$211,488
74	$345,510	$211,538	$3,480	$2,270	$4,360	$4,011	$5,000	$4,170	$5,050	$3,806
445X1000	$0	$360,775	$155	$214,535	$0	$72,221	$0	$74,026	$0	$4,023
72	$0	$185,767	$0	$41,998	$0	$20,668	$0	$5,558	$0	$3,845
73	$0	$175,277	$155	$172,537	$0	$51,552	$0	$68,468	$0	$179
74	$0	($269)	$0	$0						
445X2000	$0	$280,608	$0	$209,782	$0	$2,626	$0	$0		
72	$0	$213,298	$0	$181,071	$0	$0				
73	$0	$67,310	$0	$28,711	$0	$2,626	$0	$0		
445X3000			$0	$0						
73			$0	$0						

446X0000	$1,469,150	$852,833	$1,075,190	$599,793	$981,970	$504,327	$785,700	$442,845	$1,061,246	$913,778
72	$795,650	$508,955	$816,440	$549,757	$719,300	$425,883	$605,700	$408,113	$803,190	$682,504
73	$322,500	$99,124	$253,330	$48,053	$256,560	$75,012	$175,000	$30,361	$251,756	$228,766
74	$351,000	$244,754	$5,420	$1,982	$6,110	$3,432	$5,000	$4,370	$6,300	$2,508
446X1000	$0	$275,856	$0	$167,048	$0	$312,057	$0	$307,035	$0	$5,495
72	$0	$100,337	$0	$123,923	$0	$154,104	$0	$180,066	$0	$3,129
73	$0	$175,321	$0	$42,993	$0	$157,822	$0	$126,823	$0	$2,366
74	$0	$198	$0	$132	$0	$132	$0	$146	$0	$0
446X2000	$0	$15,611	$0	$13,138	$0	$6,560	$0	$14,582	$0	$246
73	$0	$15,611	$0	$13,138	$0	$6,560	$0	$14,582	$0	$246
446X3000	$0	$5,028	$0	$5,937	$0	$5,981	$0	$5,018	$0	$6,133
72	$0	$5,028	$0	$5,937	$0	$5,981	$0	$5,018	$0	$6,133
446X4000	$0	$337	$0	$369	$0	$371	$0	$225	$0	$351
72	$0	$337	$0	$369	$0	$371	$0	$225	$0	$351
446X8000	$0	$0								
73	$0	$0								
447X0000	$1,524,370	$779,300	$969,250	$595,942	$834,310	$648,079	$621,200	$565,479	$836,620	$724,368
72	$925,650	$467,072	$752,370	$464,735	$621,430	$514,383	$493,100	$458,462	$674,090	$617,799
73	$258,500	$49,694	$214,940	$130,943	$209,240	$131,092	$123,100	$104,441	$158,890	$104,263
74	$340,220	$262,533	$1,940	$264	$3,640	$2,604	$5,000	$2,576	$3,640	$2,306
447X1000	$0	$280,870	$0	$96,134	$0	$45,499	$0	$19,757	$0	$5,812
72	$0	$171,979	$0	$39,141	$0	$20,478	$0	$4,572	$0	$5,641
73	$0	$108,469	$0	$56,703	$0	$24,731	$0	$14,895	$0	$6

74	$0	$422	$0	$290	$0	$290	$0	$290	$0	$165
447X2000	$0	$42,124	$0	$27,586	$0	$17,505	$0	$0		
72	$0	$2,109	$0	$5,639	$0	$0				
73	$0	$31,714	$0	$21,947	$0	$17,505	$0	$0		
74	$0	$8,300	$0	$0						
447X3000	$0	$72,484	$0	$1,172	$0	$3,565	$0	$317	$0	$380
72	$0	$50,898	$0	$1,172	$0	$3,565	$0	$317	$0	$380
73	$0	$21,587	$0	$0						
448X0000										
72										
73										
74										
449X0000	$6,202,780	$4,524,603	$3,132,240	$2,356,879	$2,884,290	$1,988,960	$2,482,450	$1,594,725	$2,852,917	$2,185,615
72	$2,648,380	$1,592,317	$1,798,780	$1,132,694	$1,773,740	$1,184,761	$1,147,450	$811,174	$1,797,470	$1,286,049
73	$996,930	$886,349	$852,550	$898,883	$640,880	$477,312	$540,700	$441,869	$523,504	$452,796
74	$2,557,470	$2,045,937	$480,910	$325,303	$469,670	$326,887	$794,300	$341,682	$531,943	$446,770
449X1000	$232	$1,016,679	$0	$626,162	$0	$652,197	$6,000	$764,554	$0	$79,962
72	$0	$757,985	$0	$377,186	$0	$455,939	$0	$237,500	$0	$38,852
73	$232	$98,306	$0	$96,310	$0	$56,565	$0	$69,446	$0	$24,628
74	$0	$160,388	$0	$152,665	$0	$139,693	$6,000	$457,609	$0	$16,482
449X3000			$0	$0						
74			$0	$0						
449X4000	$0	$2,993	$0	$3,991	$0	$57,831	$0	$9,418	$0	$70
72	$0	$0							$0	$70

	73	$0	$2,993	$0	$3,991	$0	$57,831	$0	$9,418	$0	$0
	449X9000	$0	$0					$0	$26	$0	$0
	73	$0	$0					$0	$26	$0	$0
WWC		$11,858,130	$11,478,385	$6,641,820	$5,863,438	$7,574,740	$7,295,637	$13,107,857	$11,739,441	$11,674,460	$9,705,550
	450X0000	$11,858,130	$6,950,551	$6,641,820	$4,218,986	$7,574,740	$4,170,196	$10,422,408	$4,010,353	$11,674,460	$6,555,354
	72	$6,536,200	$1,691,471	$4,871,390	$2,454,393	$5,853,410	$2,145,155	$8,204,635	$2,057,397	$9,713,594	$4,780,599
	73	$1,923,180	$2,326,421	$1,649,510	$1,742,601	$1,574,040	$1,999,540	$2,127,773	$1,928,146	$1,837,460	$1,732,814
	74	$3,398,750	$2,932,658	$120,920	$21,992	$147,290	$25,501	$90,000	$24,810	$123,406	$41,940
	450X1000	$0	$4,547,470	$0	$1,609,553	$0	$3,049,812	$2,685,449	$7,651,760	$0	$3,145,188
	72	$0	$4,508,222	$0	$1,548,120	$0	$2,910,110	$2,685,449	$7,576,058	$0	$3,092,280
	73	$0	$46,015	$0	$39,612	$0	$41,923	$0	$41,723	$0	$23,753
	74	$0	($6,767)	$0	$21,821	$0	$97,779	$0	$33,979	$0	$29,155
	450X2000							$0	$0		
	74							$0	$0		
	450X3000	$0	$649	$0	$369	$0	$59	$0	$1,940	$0	$679
	72	$0	$649	$0	$369	$0	$59	$0	$1,940	$0	$395
	73									$0	$284
	74	$0	$0								
	450X4000	$0	$80	$0	$0						
	74	$0	$80	$0	$0						
	450X5000	$0	($5,165)	$0	$0	$0	$25,884	$0	$0	$0	$247
	72	$0	$211	$0	$0	$0	$25,884	$0	$0	$0	$247
	74	$0	($5,376)	$0	$0						

450X6000	$0	($12,320)	$0	$675	$0	$761	$0	$64,632	$0	$1,725
72	$0	$1,536	$0	$675	$0	$761	$0	$1,632	$0	$1,725
73							$0	$63,000	$0	$0
74	$0	($13,856)	$0	$0						
450X7000	$0	$76,498	$0	$30,902	$0	$43,432	$0	$2,833	$0	$1,802
72	$0	$74,411	$0	$29,918	$0	$42,685	$0	$2,032	$0	$1,097
73	$0	$2,087	$0	$984	$0	$748	$0	$801	$0	$705
450X8000	$0	($79,530)	$0	$2,783	$0	$5,163	$0	$7,890	$0	$242
72	$0	$1,947	$0	$1,433	$0	$573	$0	($120)	$0	$242
74	$0	($81,476)	$0	$1,350	$0	$4,590	$0	$8,010	$0	$0
450X9000	$0	$153	$0	$170	$0	$331	$0	$33	$0	$314
72	$0	$153	$0	$170	$0	$331	$0	$33	$0	$314
RCS	$3,035,730	$2,624,985	$1,108,120	$868,958	$1,201,020	$1,092,470	$1,419,783	$1,331,383	$1,377,670	$1,293,319
460X0000	$3,035,730	$1,476,959	$1,108,120	$126,748	$1,201,020	$152,986	$1,419,783	$171,582	$0	$150,988
72	$1,023,330	$359,825	$588,460	$86,446	$684,520	$114,433	$852,880	$147,043	$0	$110,747
73	$558,550	$29,367	$485,080	$33,513	$482,180	$31,678	$546,903	$24,539	$0	$40,241
74	$1,453,850	$1,087,767	$34,580	$6,790	$34,320	$6,875	$20,000	$0		
460X1000	$0	$1,077,530	$0	$934,783	$0	$323,626	$0	$331,146	$308,860	$450,529
72	$0	$570,904	$0	$533,597	$0	$283,573	$0	$288,562	$245,980	$412,237
73	$0	$504,959	$0	$399,245	$0	$33,213	$0	$37,955	$54,410	$37,872
74	$0	$1,667	$0	$1,941	$0	$6,840	$0	$4,630	$8,470	$420
460X2000	$0	$23,919	$0	$7,242	$0	$9,598	$0	$9,298	$212,130	$45,064
72	$0	$13,161	$0	$6,462	$0	$9,179	$0	$9,298	$209,430	$42,321
73	$0	$1,200	$0	$340	$0	$0			$1,750	$0
74	$0	$9,559	$0	$439	$0	$419	$0	$0	$950	$2,743

460X3000	$0	$9,640	$0	$8,974	$0	$29,618	$0	$16,299	$103,500	$23,823
72	$0	$4,071	$0	$3,699	$0	$8,319	$0	$6,593	$75,240	$7,198
73					$0	$18,296	$0	$7,390	$26,850	$15,348
74	$0	$5,569	$0	$5,275	$0	$3,003	$0	$2,315	$1,410	$1,277
460X4000	$0	$36,937	$0	($208,789)	$0	$576,642	$0	$803,057	$753,180	$622,914
72	$0	$9,721	$0	($255,327)	$0	$194,426	$0	$337,040	$285,590	$172,771
73	$0	$23,522	$0	$43,245	$0	$379,914	$0	$457,441	$456,990	$436,158
74	$0	$3,694	$0	$3,293	$0	$2,302	$0	$8,576	$10,600	$13,985
460X5000	$0	$0								
72	$0	$0								
73										
74										
460X6000			$0	$0						
73			$0	$0						
460X7000	$0	$0	$0	$0						
72	$0	$0								
73			$0	$0						
WO	$3,424,400	$4,555,061	$2,717,940	$2,542,238	$5,704,720	$4,659,730	$8,780,002	$7,587,097	$8,633,775	$7,089,348
470X0000	$3,424,400	$189,818	$2,717,940	$88,789	$5,704,720	$129,815	$8,330,002	$275,761	$8,301,775	$3,739,597
72	$2,462,700	$188,362	$1,911,100	$91,390	$4,900,870	$76,103	$7,930,002	$126,476	$7,293,685	$3,190,395
73	$7,500	$1,455	$7,310	$150	$68,400	$53,712	$150,000	$149,285	$150,000	$78,503
74	$954,200	$0	$799,530	($2,752)	$735,450	$0	$250,000	$0	$858,090	$470,699
470X1000	$0	$4,365,243	$0	$2,453,450	$0	$4,529,915	$450,000	$7,311,336	$332,000	$480,407
72	$0	$3,236,807	$0	$1,693,840	$0	$3,776,579	$0	$6,669,081	$0	$188,730

73				$0	$140	$0	$0			$332,000	$292,108
74		$0	$1,128,436	$0	$759,470	$0	$753,337	$450,000	$642,255	$0	($432)
470X2000										$0	$828,129
72										$0	$704,468
74										$0	$123,661
470X3000										$0	$555,436
72										$0	$507,102
73										$0	$48,334
470X4000										$0	$1,485,779
72										$0	$1,480,602
73										$0	$5,177
74											
SBU											
480X0000											
72											
73											
74											
GFOH		$2,500,000	$2,311,000	$2,500,000	$2,074,800	$2,500,000	$1,937,092	$2,965,000	$2,886,760	$2,564,382	$2,544,382
944X0000		$2,500,000	$2,311,000	$2,500,000	$2,074,800	$2,500,000	$1,937,092	$2,965,000	$2,886,760	$2,564,382	$2,544,382
72		$2,500,000	$2,311,000	$2,500,000	$2,074,800	$2,500,000	$1,937,092	$2,965,000	$2,886,760	$2,564,382	$2,544,382
76		$4,923,290	$4,400,952	$3,245,850	$2,638,218	$4,119,150	$4,103,797	$5,853,703	$5,011,121	$3,410,000	$3,018,971
OOD		$0	$0	$0	$0						
410X0000		$0	$0	$0	$0						
76		$0	$0	$0	$0						

Automotive Equipment	$1,878,000	$1,824,344	$1,727,740	$1,346,722	$2,219,650	$1,946,162	$1,792,580	$1,728,451	$1,250,000	$1,160,986
981X0000	$1,878,000	$1,824,344	$1,727,740	$1,346,722	$2,219,650	$1,946,162	$1,792,580	$1,728,451	$1,250,000	$1,160,986
76	$1,878,000	$1,824,344	$1,727,740	$1,346,722	$2,219,650	$1,946,162	$1,792,580	$1,728,451	$1,250,000	$1,160,986
OTEA	$3,045,290	$2,576,608	$1,518,110	$1,291,496	$1,899,500	$2,157,635	$4,061,123	$3,282,670	$2,160,000	$1,857,985
982X0000	$3,045,290	$2,576,608	$1,518,110	$1,291,496	$1,899,500	$2,157,635	$4,061,123	$3,282,670	$2,160,000	$1,857,985
76	$3,045,290	$2,576,608	$1,518,110	$1,291,496	$1,899,500	$2,157,635	$4,061,123	$3,282,670	$2,160,000	$1,857,985
77	$83,052,000	$77,652,201	$85,000,000	$80,596,477	$95,000,000	$89,943,952	$97,809,346	$96,535,606	$106,000,000	$102,355,832
Debt Payment	$83,052,000	$77,652,201	$85,000,000	$80,596,477	$95,000,000	$89,943,952	$97,809,346	$96,535,606	$106,000,000	$102,355,832
490X0000	$83,052,000	$77,652,201	$85,000,000	$80,596,477	$95,000,000	$89,943,952	$97,809,346	$96,535,606	$106,000,000	$102,355,832
77	$83,052,000	$77,652,201	$85,000,000	$80,596,477	$95,000,000	$89,943,952	$97,809,346	$96,535,606	$106,000,000	$102,355,832
Grand Total	**$196,917,862**	**$184,972,711**	**$179,389,765**	**$172,916,772**	**$214,761,270**	**$201,709,999**	**$213,291,278**	**$204,999,831**	**$216,652,258**	**$201,241,914**

Appendix H – 2016 Budget vs. Projections (based on 2nd qtr. Financial Review)

Program	2016 Budget	Committed YTD	Rest of Year Projection	2016 Full Year Projection	Projected Surplus/Deficit	Budget Authority Transfer Request
Personnel	$49,841,000	$20,137,843	$29,639,717	$49,777,560	$63,440	$375,000
OOD	$1,823,247	$1,122,906	$829,846	$1,952,752	($129,505)	$150,000
WWE	$6,508,938	$3,060,145	$4,592,729	$7,652,874	($1,143,936)	$1,200,000
WWA	$6,577,182	$2,560,532	$3,789,287	$6,349,819	$227,363	($200,000)
WWT	$18,922,422	$7,851,384	$10,981,244	$18,832,628	$89,794	($50,000)
WWC	$10,345,938	$3,552,457	$5,596,564	$9,149,021	$1,196,917	($1,000,000)
RCS	$4,721,888	$1,685,310	$2,725,962	$4,411,272	$310,616	($275,000)
WSO	$506,174	$233,802	$900,439	$1,134,241	($628,067)	$550,000
SBU	$435,211	$71,307	$223,646	$294,953	$140,258	
Non-Personnel	**$62,270,873**	**$40,373,422**	**$21,237,406**	**$61,610,828**	**$660,045**	**($375,000)**
OOD	$2,036,125	$1,741,799	$26,526	$1,768,325	$267,800	($200,000)
WWE	$817,579	$653,018	$112,949	$765,967	$51,612	
WWA	$9,159,105	$4,504,578	$5,249,316	$9,753,894	($594,789)	$600,000
WWT	$27,470,567	$19,851,271	$8,548,697	$28,399,968	($929,401)	$930,000
WWC	$10,064,321	$3,464,063	$5,038,022	$8,502,085	$1,562,236	($1,500,000)
RCS	$2,087,190	$1,010,247	$967,601	$1,977,848	$109,342	($50,000)
WSO	$5,766,326	$5,347,910	$490,215	$5,838,125	($71,799)	
SBU	$4,869,660	$3,800,536	$804,080	$4,604,616	$265,044	($155,000)
City and County Overhead	$3,373,835	$2,786,360	$463,835	$3,250,195	$123,640	
Vehicles	$1,277,000	$1,256,785	$20,215	$1,277,000	$0	
OTEA	$2,137,292	$883,649	$1,253,643	$2,137,292	$0	
Total Without Debt Payment	**$118,900,000**	**$65,438,059**	**$52,614,816**	**$118,052,875**	**$847,125**	**$0**

Debt Payment	$119,104,000	$47,790,968	$63,435,822	$111,226,790	$7,877,210
Total With Debt Payment	**$238,004,000**	**$113,229,027**	**$116,050,638**	**$229,279,665**	**$8,724,335**