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MIDYER WWC

City of Appleton
Wastewater Collection
Summary Budget to Actual Report
For the Six Months Ending June 30, 2016

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Description	Year to Date Expense	Encumbered Amount	Total Expended and Encumbered	Full Year Amended Budget	Percent of Amended Budget
Wastewater Collection Systems	211,951	265	212,216	870,102	24.4 %
Public Works Capital Improv.	661,674	0	661,674	2,699,330	24.5 %
Total	873,625	265	873,890	3,569,432	24.5 %

**DEPARTMENT OF PUBLIC WORKS
MID-YEAR REVIEW**

All figures through June 30, 2016

Collection Systems		WASTEWATER UTILITY				Business Unit 5427
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Significant 2016 Events:

Performance Data:

	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Target 2016	YTD 2016
Client Benefits/Impacts						
Benefit of inspection program						
# of defects identified from TV report	16	13	47**	3**	25	0.4
Compliance with regulation						
# of protruding taps identified	0	1	9**	0**	6	5
# of cross connections identified	52	70	85	86	80	52
Strategic Outcomes						
Reliability of system maintenance program						
# of trouble calls	39	49	57	28	35	13
# of system blockages removed	7	6	7	3	5	0
% of total system televised	11.6%	12.5%	10.0%	14.1%	10.00%	0.0%
Work Process Outputs						
Maintenance performed						
% of total system cleaned	66.4%	51.2%	48.6%	46.6%	48.0%	19.8%
# of spot repairs made	15	0*	13**	46**	23	0
Safeguarding health and safety						
# of protruding taps removed	0	0*	4**	3**	5	0

* Timing of contract pushes work into 2014.

** Totals vary due to 2014 and 2015 funds were bid in 2014 and were completed in 2015

**DEPARTMENT OF PUBLIC WORKS
MID-YEAR REVIEW**

All figures through June 30, 2016

Public Works Capital Improvements	WASTEWATER UTILITY
	Business Unit 5431

Significant 2016 Events:

Performance Data:

Client Benefits/Impacts	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Target 2016	YTD 2016
Reduction of wastewater treatment cost						
# of manholes-rehab/rebuilt	35	20	39	23	25	12
Distribution section rating from CMAR	A	A	A	A	A	A
# of laterals replaced	181	173	106	198	200	70
Strategic Outcomes						
Improvements to the sanitary sewer system						
Total miles of sanitary sewer	321*	321	320**	323	324	323
% of total miles of sanitary sewer reconstruct	0.55%	0.38%	0.74%	0.46%	0.52%	0.25%
Work Process Outputs						
Restoration of sanitary sewers						
Miles of existing sanitary sewer reconstruct.	1.76	1.24	2.39	1.47	1.68	0.80
Expansion of sanitary sewer system						
Miles of new sanitary sewer added	0.00	0.22	0.09	0.49	1.10	0.00
Reduction of treatment costs						
# of seals installed (I & I)	59	91	75	94	100	30

* Moved from a manual tracking system to a more comprehensive system - GIS

** The total miles of sanitary sewer main within the system decreased due to the City abandoning 2975 feet of sanitary sewer and only installing 494 feet of new sanitary sewer main.

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City of Appleton
Water Distribution
Summary Budget to Actual Report
For the Six Months Ending June 30, 2016

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Description	Year to Date Expense	Encumbered Amount	Total Expended and Encumbered	Full Year Amended Budget	Percent of Amended Budget
Distribution Administration	233,119	0	233,119	545,370	42.7 %
Customer Service	127,678	0	127,678	141,895	90.0 %
Distribution Ops. & Maint.	453,378	1,328	454,706	1,355,545	33.5 %
Distribution Capital	1,374,903	212,209	1,587,112	5,027,446	31.6 %
Total	2,189,078	213,537	2,402,615	7,070,256	34.0 %

**DEPARTMENT OF PUBLIC WORKS
MID-YEAR REVIEW**

All figures through June 30, 2016

WATER UTILITY	
Distribution Administration	Business Unit 5351

Significant 2016 Events:

- Reviewed the small meter installation policy
- Working with the Clerk's Office on sending mass mailing of water installation letters
- Redesigning the water meter hangtag in multiple languages to help communication with diverse populations

Performance Data:

	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Target 2016	YTD 2016
Client Benefits/Impacts						
Efficient customer service						
# Cross connection inspections	New measure ----->		0	6,615	7,000	3,815
# Appointment request letters sent	New measure ----->		5,265	11,757	10,000	10,853
Strategic Outcomes						
Consistent and current information						
Policies reviewed/updated	0	1	2	1	1	1
Turnover ratio of inventory - Annual	0.76	0.65	0.74	0.72	0.80	Year end
Work Process Outputs						
Reporting & recording keeping						
# of reports generated for PSC	1	1	1	1	1	1

**DEPARTMENT OF PUBLIC WORKS
MID-YEAR REVIEW**

All figures through June 30, 2016

WATER UTILITY	
Customer Service	Business Unit 5352

Significant 2016 Events:

Performance Data:

Client Benefits/Impacts	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Target 2016	YTD 2016
Reliable, accurate water usage						
# of large meters replaced	1	0	0	0	0	0
# of meters tested	1,293	428	4,183	6,981	7,000	3,934
# of defective meters replaced	45	36	17	248	100	293
# of meters in service	27,160	27,383	27,589	27,618	27,650	27,713
Strategic Outcomes						
Implementation of system upgrade						
# of trace batteries replaced	802	122	0	0	0	0
# of new meters replaced		450	4,661	7,090	7,000	4,065
Work Process Output						
Service provided						
# of service calls	1,247	1,472	1,863	1,497	1,800	642
System growth						
# of new services installed	177	233	80	120	100	56

**DEPARTMENT OF PUBLIC WORKS
MID-YEAR REVIEW**

All figures through June 30, 2016

WATER UTILITY	
Distribution Operations and Maintenance	Business Unit 5353

Significant 2016 Events:

- In January we implemented the use of iPads and a "Water App" for recording various maintenance activities. This helped to improve accuracy of records, significantly reduced time to update records, and allows for more efficient record inquiries.

Performance Data:

Client Benefits/Impacts	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Target 2016	YTD 2016
Reliable source at adequate pressure						
Hydrants						
Replaced/Upgrade	6	4	4	6	5	3
% of hydrants flushed	100%	100%	100%	100%	100%	100%
Water loss reported	8.7%	8.5%	10.0%	9.1%	10%	16.0%
Strategic Outcomes						
Reliability of the system						
# of water main breaks	83	87	141	71	85	25
Work Process Outputs						
Preventive maintenance						
# of services replaced	36	24	11	0	15	14
# of valves exercised	1,010	869	525	796	600	1,248
# of valves replaced	5	4	7	5	10	1
# of curb boxes repaired	331	202	248	427	300	108
# of joint leaks fixed	5	4	1	1	3	0
# of service leaks fixed	4	3	3	0	3	1

**DEPARTMENT OF PUBLIC WORKS
MID-YEAR REVIEW**

All figures through June 30, 2016

WATER UTILITY						
Distribution Capital Improvements			Business Unit 5370			

Significant 2016 Events:

Performance Data:

Client Benefits/Impacts	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Target 2016	YTD 2016
Reliable and adequate service						
% of reconstructed streets with relay	100.0%	100.0%	100.0%	100.0%	100%	25.0%
% increase of fire flow capacity	0% - 175%	0% - 45%	0% - 245%	0% - 175%	0% - 200%	200.0%
# of low flow hydrants eliminated	3	3	5	8	5	2
Strategic Outcomes						
System size						
Miles of mains	373*	375.25	373*	373.41	376	375.06
% of total miles of mains reconstructed	0.63%	0.65%	0.66%	0.90%	0.70%	0.20%
# of hydrants in the City	3,277*	3,295	3,313	3,344	3,300	3,372
# of low flow hydrants in the City	107	104	85	77	80	79
Work Process Outputs						
System expansion and improvement						
Miles of transmission lines added	0.17	0.19	1.08	0.00	0.60	0.00
Miles of existing mains relayed	2.3	2.19	2.47	3.36	2.64	0.66

* Moved from a manual tracking system to a more comprehensive system - GIS

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City of Appleton
Stormwater Utility
Summary Budget to Actual Report
For the Six Months Ending June 30, 2016

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07/18/16
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Description	Year to Date Expense	Encumbered Amount	Total Expended and Encumbered	Full Year Amended Budget	Percent of Amended Budget
Stormwater Administration	2,503,813	131	2,503,944	5,611,352	44.6 %
Facilities Maintenance	473,857	2,565	476,422	1,491,987	31.9 %
Leaf Collection	54,755	0	54,755	427,748	12.8 %
Capital Construction	1,454,097	0	1,454,097	5,074,634	28.7 %
Total	4,486,522	2,696	4,489,218	12,605,721	35.6 %

**DEPARTMENT OF PUBLIC WORKS
MID-YEAR REVIEW**

All figures through June 30, 2016

Administration		STORMWATER				Business Unit 5210
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Significant 2016 Events:

Performance Data:

Client Benefits/Impacts	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Target 2016	YTD 2016
Economic development						
Master plans completed	5	1	4*	0	0	0
Strategic Outcomes						
Alternative sources of revenue						
# of grants applied for	2	0	0	0	1	1
Value of grant dollars awarded or applied for future reimbursement	\$300,000	\$0	\$0	\$0	\$150,000	\$0
Safe, reliable future level of service						
Acre feet of storage identified for future use	25	61	0	0	2	.75**
# of DNR non-compliance notices received	1	0	0	0	0	0
Work Process Outputs						
Preventive maintenance of system						
Erosion control plans reviewed (permits)	50	30	15	48	25	24

* Belleaire study, Citywide SWMP, Spartan, Flood Hazard Mitigation Plan Update

**DEPARTMENT OF PUBLIC WORKS
MID-YEAR REVIEW**

All figures through June 30, 2016

STORMWATER						
Facility Maintenance	Business Unit 5220					

Significant 2016 Events:

Performance Data:

Client Benefits/Impacts	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Target 2016	YTD 2016
Benefit of inspection program						
# of spot repairs identified from TV reports	15	17	38*	5*	18	5
Compliance with regulation						
# of protruding taps identified	12	15	23*	5*	17	0
# of cross connections identified	0	0	0	0	0	0
Strategic Outcomes						
Effectiveness of maintenance program						
# of trouble calls	15	24	0	19	20	4
% of total system televised	9.7%	9.6%	8.3%	9.9%	9%	0.1%
Work Process Outputs						
Preventive maintenance						
Cubic yards of material collected from street sweeping operations	3,884	4,124	3,920	5,565	3,800	1,967
% of total storm sewer system cleaned	13.3%	12.8%	9.2%	11.3%	13.0%	1.0%
Safeguarding health and safety						
# of protruding taps removed	10	0	17*	23*	15	0
# of spot repairs made	15	0	19*	37*	16	0

* Totals vary due to 2014 and 2015 funds bid in 2014 and were completed in 2015

**DEPARTMENT OF PUBLIC WORKS
MID-YEAR REVIEW**

All figures through June 30, 2016

Leaf Collection		STORMWATER					Business Unit 5225
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Significant 2016 Events:

Performance Data:

Client Benefits/Impacts	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Target 2016	YTD 2016
Service provided						
Number of collection cycles	4	4	3.25	5	3	0
Strategic Outcomes						
Cost effective service provided						
Cost/cubic yard collected	\$8.10	\$12.71	\$9.82	\$11.00	\$10.75	NA
Work Process Outputs						
Safer streets and cleaner storm water system						
Cubic yards of leaves collected	41,180	25,510	33,160	37,100	35,000	0

**DEPARTMENT OF PUBLIC WORKS
MID-YEAR REVIEW**

All figures through June 30, 2016

Capital Construction	STORMWATER	Business Unit 5230
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Significant 2016 Events:

Performance Data:

Client Benefits/Impacts	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Target 2016	YTD 2016
Solutions to system discrepancies						
Residential mini-sewer/drainage complaints						
Solved	115	99	84	99	100	0
Outstanding	400	360	113*	95*	110	100
Strategic Outcomes						
Improvements to the stormwater system						
Total miles of storm sewer in the city	278.17 **	282	282	292	287	287
% of total miles reconstructed	0.37%	0.23%	0.01%	0.29%	1.07%	0.16%
Acres of new land available	56	0	0	0	0	0
Integrity and growth of the system						
Acre feet of storage developed	0.0	35.0	14.1	3.5***	0.0	0.0
Work Process Outputs						
Restoration of storm sewers						
Miles of storm sewer reconstructed	1.02	0.66	0.35	0.85	2.98	0.47
Expansion of storm sewer system						
Miles of new storm sewer added	0.052	0.66	0.21	0.34	0.16	0.16

* Audited/cleaned up list in 2014 after 2015 Target was developed, 90 on CSR list & 23 on Clearwater inspection list
 ** Moved from a manual tracking system to a more comprehensive system - GIS
 *** Birchwood Pond