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TEACHERA
MIDYER WTD

City of Appleton
Water Distribution
Summary Budget to Actual Report
For the Six Months Ending June 30, 2018

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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	248,761	169	248,930	610,310	40.8 %
Customer Service	227,802	25	227,827	285,466	79.8 %
Distribution Ops. & Maint.	651,885	5,800	657,685	1,638,833	40.1 %
Distribution Capital	1,112,342	4,466	1,107,876	3,638,998	30.4 %
Total	2,240,790	1,528	2,242,318	6,173,607	36.3 %

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

All figures through June 30, 2018

WATER UTILITY	
Distribution Administration	Business Unit 5351

Significant 2018 Events:

Performance Data:

Client Benefits/Impacts	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Target 2018	YTD 2018
Efficient customer service						
# Cross connection inspections	0	6,615	8,977	5,865	1,500	0
# Appointment request letters sent	5,265	11,757	18,367	11,051	100	102
Strategic Outcomes						
Consistent and current information						
Policies reviewed/updated	2	1	0	1	1	1
Turnover ratio of inventory - Annual	0.74	0.72	0.72	0.83	0.90	0.00
Work Process Outputs						
Reporting & recording keeping						
# of reports generated for PSC	1	1	1	1	1	0

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

All figures through June 30, 2018

Customer Service	WATER UTILITY
	Business Unit 5352

Significant 2018 Events:

Performance Data:

Client Benefits/Impacts	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Target 2018	YTD 2018
Reliable, accurate water usage						
# of large meters replaced	0	0	0	0	0	0
# of meters tested	4,183	6,981	9,266	5,879	50	202
# of defective meters replaced	17	248	436	182	50	6
# of meters in service	27,589	27,618	27,797	27,862	27,850	27,887
Strategic Outcomes						
Implementation of system upgrade						
# of trace batteries replaced	0	0	0	0	0	0
# of new meters replaced	4,661	7,090	9,573	6,098	25	97
Work Process Output						
Service provided						
# of service calls	1,863	1,497	1,408	1,389	1,500	805
System growth						
# of new services installed	80	120	166	77	150	51

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

All figures through June 30, 2018

WATER UTILITY	
Distribution Operations and Maintenance	Business Unit 5353

Significant 2018 Events:

Performance Data:

Client Benefits/Impacts	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Target 2018	YTD 2018
Reliable source at adequate pressure						
Hydrants						
Replaced/Upgrade	4	6	4	5	5	6
% of hydrants flushed	100%	100%	100%	100%	100%	100%
Water loss reported	10.0%	14.0%	13.0%	14.8%	12%	23.0%
Strategic Outcomes						
Reliability of the system						
# of water main breaks	141	71	92	91	80	43
Work Process Outputs						
Preventive maintenance						
# of services replaced	11	0	19	33	25	1
# of valves exercised	525	796	1,506	2,144	1,500	2,361
# of valves replaced	7	5	1	4	5	3
# of curb boxes repaired	248	427	154	226	250	141
# of joint leaks fixed	1	1	0	1	2	0
# of service leaks fixed	3	0	2	3	2	4

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

All figures through June 30, 2018

WATER UTILITY						Business Unit 5370
Distribution Capital Improvements						

Significant 2018 Events:

- Looped 1,400' dead end on Claire Street at Summit Street
- Meade Street relay almost complete (Capital Dr to Castlebury)

Performance Data:

	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Target 2018	YTD 2018
Client Benefits/Impacts						
Reliable and adequate service						
% of reconstructed streets with relay	100.0%	100.0%	100.0%	100.0%	100%	65.0%
# of low flow hydrants eliminated	5	8	5	4	5	2
Strategic Outcomes						
System size						
Miles of mains	373*	373	374	377	377	377
% of total miles of mains reconstructed	0.66%	0.90%	0.69%	0.65%	0.87%	0.65%
# of hydrants in the City	3,313	3,344	3,361	3,383	3,368	3,371
# of low flow hydrants in the City	85	77	72	76	75	74
Work Process Outputs						
System expansion and improvement						
Miles of transmission lines added	1.08	0.00	0.35	0.21	0.00	0.00
Miles of existing mains relayed	2.47	3.36	2.58	2.46	3.28	2.13

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

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City of Appleton
Wastewater Collection
Summary Budget to Actual Report
For the Six Months Ending June 30, 2018

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Description	Year to Date Expense	Encumbered Amount	Total Expended and Encumbered	Full Year Amended Budget	Percent of Amended Budget
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Wastewater Collection Systems	225,120	0	225,120	857,931	26.2 %
Public Works Capital Improv.	598,962	0	598,962	2,389,064	25.1 %
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Total	824,082	0	824,082	3,246,995	25.4 %

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

All figures through June 30, 2018

Collection Systems		WASTEWATER UTILITY					Business Unit 5427
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Significant 2018 Events:

Performance Data:

	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Target 2018	YTD 2018
Client Benefits/Impacts						
Benefit of inspection program						
# of defects identified from TV report	47**	3**	34	34	22	0
Compliance with regulation						
# of protruding taps identified	9**	0**	9	6	5	0
# of cross connections identified	85	86	103	83	60	12
Strategic Outcomes						
Reliability of system maintenance program						
# of trouble calls	57	28	17	21	30	14
# of system blockages removed	7	3	1	0	4	1
% of total system televised	10.0%	14.1%	14.2%	13.1%	11.00%	0.0%
Work Process Outputs						
Maintenance performed						
% of total system cleaned	48.6%	46.6%	49.0%	50.7%	48.0%	27.1%
# of spot repairs made	13**	46**	0*	28	23	20
Safeguarding health and safety						
# of protruding taps removed	4**	3**	0*	5	5	3

* Timing of contract pushes work into next calendar year

** 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, 2018

Public Works Capital Improvements	WASTEWATER UTILITY
	Business Unit 5431

Significant 2018 Events:

Performance Data:

Client Benefits/Impacts	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Target 2018	YTD 2018
Reduction of wastewater treatment cost						
# of manholes-rehab/rebuilt	39	23	34	54	25	14
Distribution section rating from CMAR	A	A	A	A	A	A
# of laterals replaced	106	198	134	222	200	158
Strategic Outcomes						
Improvements to the sanitary sewer system						
Total miles of sanitary sewer	320*	323	325	325	324	324
% of total miles of sanitary sewer reconstruct	0.74%	0.46%	0.60%	0.58%	0.50%	0.31%
Work Process Outputs						
Restoration of sanitary sewers						
Miles of existing sanitary sewer reconstruct.	2.39	1.47	1.95	1.89	1.84	1.01
Expansion of sanitary sewer system						
Miles of new sanitary sewer added	0.09	0.49	1.04	0.06	0.69	0.15
Reduction of treatment costs						
# of seals installed (I & I)	75	94	94	81	100	37

* 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
Stormwater Utility
Summary Budget to Actual Report
For the Six Months Ending June 30, 2018

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07/25/18
10:20:50

Description	Year to Date Expense	Encumbered Amount	Total Expended and Encumbered	Full Year Amended Budget	Percent of Amended Budget
Stormwater Administration	2,591,507	0	2,591,507	5,801,382	44.7 %
Facilities Maintenance	449,809	5,923	455,732	1,437,723	31.7 %
Leaf Collection	57,697	0	57,697	445,172	13.0 %
Capital Construction	1,873,032	0	1,873,032	8,357,317	22.4 %
Total	4,972,045	5,923	4,977,968	16,041,594	31.0 %

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

All figures through June 30, 2018

Administration		STORMWATER		Business Unit 5210	
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Significant 2018 Events:

Performance Data:

	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Target 2018	YTD 2018
Client Benefits/Impacts						
Economic development						
Master plans completed	4	0	0	2*	0	0
Strategic Outcomes						
Alternative sources of revenue						
# of grants applied for	0	0	1**	0	2	2
Value of grant dollars awarded or applied for future reimbursement	\$0	\$0	\$349,790**	\$0	\$0	\$0
Safe, reliable future level of service						
Acre feet of storage identified for future use	0	0	.75***	0	0	0
# of DNR non-compliance notices received	0	0	0	0	0	0
Work Process Outputs						
Preventive maintenance of system						
Erosion control plans reviewed (permits)	15	48	49	48	30	18

* Coop Pond Study, Evergreen/Alvin Study
 ** Northland Pond DNR Municipal Flood Control Grant
 *** Cotter Street Pond

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

All figures through June 30, 2018

Facility Maintenance		STORMWATER	Business Unit 5220
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Significant 2018 Events:

Performance Data:

	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Target 2018	YTD 2018
Client Benefits/Impacts						
Benefit of inspection program						
# of spot repairs identified from TV reports	38*	5*	21	21	18	0
Compliance with regulation						
# of protruding taps identified	23*	5*	15	15	13	0
# of cross connections identified	0	0	0	0	0	0
Strategic Outcomes						
Effectiveness of maintenance program						
# of trouble calls	0	19	28	54	15	51
% of total system televised	8.3%	9.9%	10.2%	9.2%	9%	0.0%
Work Process Outputs						
Preventive maintenance						
Cubic yards of material collected from street sweeping operations	3,920	5,565	4,059	5,570	4,000	2,183
% of total storm sewer system cleaned	9.2%	11.3%	11.1%	9.6%	13.0%	0.0%
Safeguarding health and safety						
# of protruding taps removed	17*	23*	0**	10	10	8
# of spot repairs made	19*	37*	0**	16	15	12

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

** Timing of contract pushes work into next calendar year (2017)

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

All figures through June 30, 2018

Leaf Collection		STORMWATER					Business Unit 5225
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Significant 2018 Events:

Performance Data:

Client Benefits/Impacts	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Target 2018	YTD 2018
Service provided						
Number of collection cycles	3.25	5	4	5	3	0
Strategic Outcomes						
Cost effective service provided						
Cost/cubic yard collected	\$9.82	\$11.00	\$11.36	\$12.99	\$12.00	\$0.00
Work Process Outputs						
Safer streets and cleaner storm water system						
Cubic yards of leaves collected	33,160	37,100	38,440	27,360	35,000	0

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

All figures through June 30, 2018

Capital Construction	STORMWATER	Business Unit 5230
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Significant 2018 Events:

Performance Data:

Client Benefits/Impacts	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Target 2018	YTD 2018
Solutions to system discrepancies						
Residential mini-sewer/drainage complaints						
Solved	84	99	63	44	100	15
Outstanding	113*	95*	52	41	95	53
Strategic Outcomes						
Improvements to the stormwater system						
Total miles of storm sewer in the city	282	292	293	290	289	289
% of total miles reconstructed	0.01%	0.29%	0.49%	0.47%	0.61%	0.10%
Acres of new land available	0	0	0	0	0	0
Integrity and growth of the system						
Acre feet of storage developed	14.1	3.5**	0.0	5.7***	2.0	0.0
Work Process Outputs						
Restoration of storm sewers						
Miles of storm sewer reconstructed	0.35	0.85	1.42	0.79	1.75	0.30
Expansion of storm sewer system						
Miles of new storm sewer added	0.21	0.34	0.58	2.3	1.54	0

* Audited/cleaned up list in 2014 after 2015 Target was developed, 90 on CSR list & 23 on Clearwater inspection list **Birchwood Pond

***Cotter Pond (2), JJ/Lighting Pond (3.7). Northland Pond (21) to be completed in 2018