

City of Appleton
Water Distribution
Summary Budget to Actual Report
For the Six Months Ending June 30, 2015

Description	Year to Date Expense	Encumbered Amount	Total Expended and Encumbered	Full Year Amended Budget	Percent of Amended Budget
Distribution Administration	325,927	72,363	253,564	644,853	39.3 %
Customer Service	120,005	0	120,005	121,114	99.1 %
Distribution Ops. & Maint.	465,800	3,615	469,415	1,274,607	36.8 %
Distribution Capital	1,282,972	321,158	1,604,130	5,087,416	31.5 %
Total	2,194,704	252,410	2,447,114	7,127,990	34.3 %

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

All figures through June 30, 2015

Distribution Administration	Business Unit 5351
WATER UTILITY	

Significant 2015 Events:

- Added property owner notification to tenant occupied properties, increasing customer service and reducing the number of missed appointments.
- Developed customized comparison reports to analyze the new water meter data and worked to correct noted areas.
- Working with new Water Foreman to develop record keeping efficiencies.
- Rearranged water main clamps by size and style in the stockroom.
- Running the Module Comparison Report on a monthly basis to evaluate discrepancies.

Performance Data:

	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Target 2015	Actual YTD
Client Benefits/Impacts						
Efficient customer service						
# Cross connection inspections	New measure ----->			0	7,000	2,831
# Appointment request letters sent	New measure ----->			5,265	10,000	6,709
Strategic Outcomes						
Consistent and current information						
Policies reviewed/updated	0	0	1	2	1	1
Turnover ratio of inventory - Annual	0.87	0.76	0.65	0.74	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, 2015

WATER UTILITY	
Customer Service	Business Unit 5352

Significant 2015 Events:

Performance Data:

Client Benefits/Impacts	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Target 2015	Actual YTD
Reliable, accurate water usage						
# of large meters replaced	2	1	0	0	0	0
# of meters tested	1,584	1,293	428	4,183	7,000	2,984
# of defective meters replaced	115	45	36	17	100	0
# of meters in service	26,990	27,160	27,383	27,589	27,650	27,637
Strategic Outcomes						
Implementation of system upgrade						
# of trace batteries replaced	1,272	802	122	0	0	0
# of new meters replaced	New Measure ----->		450	4,661	7,000	3,027
Work Process Output						
Service provided						
# of service calls	1,128	1,247	1,472	1,863	1,800	674
System growth						
# of new services installed	55	177	233	80	200	48

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

All figures through June 30, 2015

Distribution Operations and Maintenance		WATER UTILITY		Business Unit 5353
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Significant 2015 Events:

Performance Data:

Client Benefits/Impacts	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Target 2015	Actual YTD
Reliable source at adequate pressure						
Hydrants						
Replaced/Upgrade	16	6	4	4	5	6
% of hydrants flushed	100%	100%	100%	100%	100%	100%
Water loss reported	2.5%	11.2%	8.5%	10.3%	10%	11.0%
Strategic Outcomes						
Reliability of the system						
# of water main breaks	99	83	87	141	85	42
Work Process Outputs						
Preventive maintenance						
# of services replaced	5	36	24	11	15	0
# of valves exercised	1,152	1,010	869	525	900	328
# of valves replaced	4	5	4	7	5	0
# of curb boxes repaired	599	331	202	248	300	149
# of joint leaks fixed	6	5	4	1	5	1
# of service leaks fixed	4	4	3	3	5	0

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

All figures through June 30, 2015

Distribution Capital Improvements	WATER UTILITY
	Business Unit 5370

Significant 2015 Events:

Performance Data:

Client Benefits/Impacts	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Target 2015	Actual YTD
Reliable and adequate service						
% of reconstructed streets with relay	100.0%	100.0%	100.0%	100.0%	100%	15.0%
% increase of fire flow capacity	21% - 493%	0% - 175%	0% - 45%	0% - 245%	0% - 200%	0.0%
# of low flow hydrants eliminated	7	3	3	5	5	0
Strategic Outcomes						
System size						
Miles of mains	363	373*	375	373*	375	375
% of total miles of mains reconstructed	0.56%	0.63%	0.65%	0.66%	0.82%	0.70%
# of hydrants in the City	3,342	3,277*	3,295	3,313	3,300	3,346
# of low flow hydrants in the City	110	107	104	85	85	84
Work Process Outputs						
System expansion and improvement						
Miles of transmission lines added	1.4	0.17	0.19	1.08	0.0	0.00
Miles of existing mains relayed	2.05	2.3	2.19	2.47	3.06	0.85

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

City of Appleton
Wastewater Collection
Summary Budget to Actual Report
For the Six Months Ending June 30, 2015

Description	Year to Date Expense	Encumbered Amount	Total Expended and Encumbered	Full Year Amended Budget	Percent of Amended Budget
Wastewater Collection Systems	236,364	2,095-	234,269	1,027,718	22.8 %
Public Works Capital Improv.	174,532	0	174,532	2,875,712	6.1 %
Total	410,896	2,095-	408,801	3,903,430	10.5 %

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

All figures through June 30, 2015

Collection Systems		WASTEWATER UTILITY						Business Unit 5427
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Significant 2015 Events:

Performance Data:

Client Benefits/Impacts	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Target 2015	Actual YTD
Benefit of inspection program						
# of defects identified from TV report	17	16	13	47	17	3
Compliance with regulation						
# of protruding taps identified	5	0	1	9	6	0
# of cross connections identified	94	52	70	85	80	19
Strategic Outcomes						
Reliability of system maintenance program						
# of trouble calls	38	39	49	57	40	15
# of system blockages removed	4	7	6	7	6	1
% of total system televised	10.7%	11.6%	12.5%	10.0%	11.00%	0.0%
Work Process Outputs						
Maintenance performed						
% of total system cleaned	40.3%	66.4%	51.2%	48.6%	50.0%	15.0%
# of spot repairs made	13	15	0*	13	13	23
Safeguarding health and safety						
# of protruding taps removed	4	0	0*	4	5	3

* Timing of contract pushes work into 2014.

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

All figures through June 30, 2015

WASTEWATER UTILITY	
Public Works Capital Improvements	Business Unit 5431

Significant 2015 Events:

Performance Data:

Client Benefits/Impacts	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Target 2015	Actual YTD
Reduction of wastewater treatment cost						
# of manholes-rehab/rebuilt	22	35	20	39	25	14
Distribution section rating from CMAR	A	A	A	A	A	Submitted
# of laterals replaced	117	181	173	106	200	86
Strategic Outcomes						
Improvements to the sanitary sewer system						
Total miles of sanitary sewer	329	321*	321	320**	322	323
% of total miles of sanitary sewer reconstruct	0.78%	0.55%	0.38%	0.74%	0.76%	13.00%
Work Process Outputs						
Restoration of sanitary sewers						
Miles of existing sanitary sewer reconstruct.	2.58	1.76	1.24	2.39	2.44	0.43
Expansion of sanitary sewer system						
Miles of new sanitary sewer added	0.00	0.00	0.22	0.09	1.10	0.50
Reduction of treatment costs						
# of seals installed (I & I)	67	59	91	75	100	42

* 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.

City of Appleton
Stormwater Utility
Summary Budget to Actual Report
For the Six Months Ending June 30, 2015

Description	Year to Date Expense	Encumbered Amount	Total Expended and Encumbered	Full Year Amended Budget	Percent of Amended Budget
Stormwater Administration	2,475,573	857	2,476,430	5,496,077	45.1 %
Facilities Maintenance	417,868	0	417,868	1,582,584	26.4 %
Leaf Collection	55,897	0	55,897	439,220	12.7 %
Capital Construction	632,820	0	632,820	6,532,068	9.7 %
Total	3,582,158	857	3,583,015	14,049,949	25.5 %

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

All figures through June 30, 2015

Administration		STORMWATER				Business Unit 5210
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Significant 2015 Events:

Performance Data:

Client Benefits/Impacts	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Target 2015	Actual YTD
Economic development						
Master plans completed	0	5	1	4*	0	0
Strategic Outcomes						
Alternative sources of revenue						
# of grants applied for	0	2	0	0	0	0
Value of grant dollars awarded or applied for future reimbursement	\$0	\$300,000	\$0	\$0	\$0	\$0
Safe, reliable future level of service						
Acre feet of storage identified for future use	0	25	61	0	0	0
# of DNR non-compliance notices received	0	1	0	0	0	0
Work Process Outputs						
Preventive maintenance of system						
Erosion control plans reviewed (permits)	51	50	30	15	25	27

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

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

All figures through June 30, 2015

STORMWATER					
Facility Maintenance	Business Unit 5220				

Significant 2015 Events:

Performance Data:

Client Benefits/Impacts	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Target 2015	Actual YTD
Benefit of inspection program						
# of spot repairs identified from TV reports	20	15	17	38*	15	5
Compliance with regulation						
# of protruding taps identified	12	12	15	23*	16	5
# of cross connections identified	0	0	0	0	0	0
Strategic Outcomes						
Effectiveness of maintenance program						
# of trouble calls	9	15	24	0	20	5*
% of total system televised	9.5%	9.7%	9.6%	8.3%	10%	0.0%
Work Process Outputs						
Preventive maintenance						
Cubic yards of material collected from street sweeping operations	2,995	3,884	4,124	3,920	3,800	2,579
% of total storm sewer system cleaned	14.1%	13.3%	12.8%	9.2%	18.0%	0.0%
Safeguarding health and safety						
# of protruding taps removed	15	10	0	17	16	16
# of spot repairs made	5	15	0	19	15	18

* Totals vary because the 2014 and 2015 funds were bid in 2014 and will be completed in 2015

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

All figures through June 30, 2015

Leaf Collection		STORMWATER					Business Unit 5225
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Significant 2015 Events:

Performance Data:

	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Target 2015	Actual YTD
Client Benefits/Impacts						
Service provided						
Number of collection cycles	5	4	4	3.25	3	0
Strategic Outcomes						
Cost effective service provided						
Cost/cubic yard collected	\$8.86	\$8.10	\$12.71	\$9.82	\$10.75	NA
Work Process Outputs						
Safer streets and cleaner storm water system						
Cubic yards of leaves collected	30,960	41,180	25,510	33,160	35,000	0

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

All figures through June 30, 2015

Capital Construction		STORMWATER					Business Unit 5230
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Significant 2015 Events:

Performance Data:

Client Benefits/Impacts	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Target 2015	Actual YTD
Solutions to system discrepancies						
Residential mini-sewer/drainage complaints						
Solved	92	115	99	84	100	84
Outstanding	456	400	360	113*	350	103
Strategic Outcomes						
Improvements to the stormwater system						
Total miles of storm sewer in the city	286	278.17 **	282	282	289	282
% of total miles reconstructed	0.19%	0.37%	0.23%	0.01%	1.07%	0.00%
Acres of new land available	0	56	0	0	0	0
Integrity and growth of the system						
Acres feet of storage developed	37.0 *	0.0	35.0***	14.1****	10.0	0.0
Work Process Outputs						
Restoration of storm sewers						
Miles of storm sewer reconstructed	0.53	1.02	0.66	0.35	2.98	0.00
Expansion of storm sewer system						
Miles of new storm sewer added	1.72	0.052	0.66	0.21	0.00	0

* Audited/cleaned up list in 2014, 90 on CSR list & 23 on Clearwater inspection list

***Reid Golf Course Ponds

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

**** AEHS Phase I & II