

**City of Martinsville
Utilities FY '15
2nd Quarter
Report**

Water/Wastewater Summary

- Production:
 - Average flow at the Sewage Treatment Plant was 3.994 MGD for the first half of FY'15
 - Water production was 1.740 MGD for the same period
 - Both plants operated within compliance with no foreseeable issues.

Revenue/Expenditures

Total Water Revenue = \$1,704,108

Total Water Expense = \$1,433,674

Net Revenue = \$270,434

Total WW Revenue = \$2,072,,018

Total WW Expense = \$1,706,326

Net Revenue = \$365,692

Current Projects

Asset Management City of Martinsville Water Utilities

1/23/2015
11:55



#1 Filter Roberts Dual media | WTP0025

Choose Facility Save Facility

ID(> 1 char)	Name	Address	Facilities Function
WTP	Water Filtration Plant	302 Clearview Drive	Purifies water for City

#1 Filter Roberts Dual media | WTP0025 Choose Item Save Item Clear Items Get Next ID

ID	Name	Location	Size
WTP0025	#1 Filter Roberts Dual media	Second floor Filter Room	2 MGD 360 sq ft

Date Installed	Current condition(0 new 4 poor)	Usefull Life Replacement Cost	Comments
1981	End of Life	Must be Numeric 25.00 250000.00	



● Projects Cont.

- Asset Management – Continued work on asset management project; finished Water Plant and larger facilities.
- Smith River Intercept has taken many hours
- Met with Johnson Controls, and visited all the large water meter locations and toured Sewer Plant.
- Tested Schwing Bioset Screw Press – evaluated performance – enhanced cake solids.



Electric Summary

Mid term FY '15

- Purchased power = 86,177 MWh
- Hydroelectric Plant = 722 MWh
- Landfill Gas Generator = 2466 MWh
- Total mid-term power needs = 89,365 MWh
- Projected mid-term needs = 89,207 MWh
- Difference between projected and actual = 158 MWh
- Average cost of purchased power = \$78.63

Financial Benefits of Hydroelectric Generation

- Hydro Plant Generation = 722 MWh
- Average cost of purchased power = \$78.63
- Total Avoided Cost - \$56,770.86
- Operating Cost = \$25,981.19

Net Avoided Energy Cost = \$30,789.67

Financial Benefits of LFG

- Landfill Gas Generation = 2466 MWh
- Average Cost of Purchased Power = \$78.63
- Total Avoided Cost = \$193,901.58
- Less O&M expense = \$120,109
- Less Debt Service = \$49,987
- Net Avoided Energy Cost = \$23,805.58

Revenue/Expenditures

Total Revenue = \$8,777,327

Total Expense = \$9,017,697*

Net Revenue = (-\$240,370)

*Includes transfer to General Fund of \$709,292 and transfer to Capital of \$40,422.

Projects

- Hydro Automation (cont.)
- Liberty Fair Mall (cont.)
- Siren installations for FD
- Line upgrades in Forest Park and Northside (cont.)
- CBD lighting upgrade and pole relocation on Fayette St.
- CBD lighting upgrade on Main St.
- AMI/AMR project w/ESCO