

AGENDA

Tuesday, May 12, 2015

Public Services Committee

***4:30 PM

Carnegie Town Hall

235

West 10th Street

***This Committee Meeting will start immediately following the adjournment of the 4:00 p.m. Informational Meeting. This meeting will take place in the Carnegie Chambers.

1. Call To Order
2. Review and approval of minutes dated April 14, 2015
3. Proposed Plumbing Rebate Changes by Darin Freese, Water Program Coordinator and Jessica Lantgen, Sustainability Coordinator
4. Open Discussion
5. Adjournment

Date: 2015-05-12
SIRE Meeting ID: 2257
Meeting Type: Committee Meeting
Subtype: Public Services Committee
YouTube: <https://youtu.be/MLKy91QAMVc>
Agenda Item: Not Assigned
Item ID: 75342

The following document(s) are public records obtained from the
City of Sioux Falls.

MINUTES

Tuesday, April 14, 2015

Public Services Committee

5:40 PM
Carnegie Town Hall
235 West 10th Street



Members Present: Council Member Michelle Erpenbach, Council Member Christine M. Erickson, Council Member Rick Kiley, and Council Member Kermit L. Staggers

Staff Present: Tamara Jorgensen, MMC, Assistant City Clerk; David Bixler, Budget Analyst; and Jim David, Legislative/Operations Manager

1. Call To Order

Committee Chair Christine M. Erickson called the meeting to order at 5:40 p.m.

2. Review and approval of Minutes dated March 10, 2015

A motion was made by Michelle Erpenbach and seconded by Rick Kiley to approve the minutes.

Vote to approve: Roll Call: Yeses, Michelle Erpenbach, Rick Kiley, Christine M. Erickson, Kermit L. Staggers, 4. Noes, 0.

Motion Passed.

3. Overview of Home and Business Recycling Requirements by Jessica Lantgen, Sustainability Coordinator

Jessica Lantgen, Sustainability Coordinator, provided an overview of Home and Business Recycling Requirements.

She reviewed the following slides from her PowerPoint Presentation: Overview, Recycling Requirements: Residential; Public Education Efforts; Outcomes; Recycling Requirements: Rental Units; Non Residential Recycling; Regional Recycling Rate; Potential Outcomes; Proposed Next Steps; and Conclusion. Discussion followed.

4. Open Discussion

There was none.

5. Adjournment

A motion was made by Michelle Erpenbach and seconded by Rick Kiley to adjourn the meeting at 6:23 p.m. Committee Chair Christine M. Erickson adjourned the meeting.

Tamara Jorgensen, MMC
Assistant City Clerk

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Plumbing Rebate Program Review

Darin Freese, Public Works Water Program Coordinator
Jessica Lantgen, Public Works Sustainability Coordinator



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12 Years of Water Conservation

Water Rebate Program 2003 - 2014									
Year	Number of Daily Applications	Number of Toilets	Water Savings (Gallons)	Number of Clothes Washers	Water Savings (Gallons)	Total Water Savings (Gallons)	Water Conservation Kits	Rain Sensors	Programmable Timers
			(Running Total)			(Running Total)			
2003	3,030	2,848	34,754,475	865	5,756,053	40,510,528	501	New in 2005	New in 2008
2004	1,786	1,179	96,679,303	866	23,231,264	119,910,567	834		
2005	2,211	1,358	180,769,477	1,039	53,794,892	234,564,369	1,025		
2006	2,230	1,102	288,038,219	1,266	99,668,898	387,707,117	928		
2007	2,282	1,203	414,896,622	1,511	164,269,492	579,166,114	1,101	58	
2008	2,660	1,389	565,810,644	1,570	250,534,289	816,344,933	1,269	114	216
2009	2,629	1,284	739,054,554	1,678	357,475,241	1,096,529,795	1,247	131	152
2010	2,759	1,149	933,901,682	1,898	490,218,550	1,424,120,232	934	65	85
2011	2322	876	1,147,687,604	1569	645,285,032	1,792,972,636	122	54	99
2012	2112	778	1,376,250,000	1336	819,360,000	2,195,615,000	NA	50	135
2013	1959	590	1,617,286,000	1346	1,002,400,000	2,619,686,000	NA	40	121
2014	1840	574	1,867,375,973	1289	1,217,003,141	3,084,379,114	NA	31	78
Total	27,820	14,330	1,867,375,973	16,233	1,217,003,141	3,084,379,114	7,961	955	886



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Water Rebate Program 2003 - 2014

Year	Number of Daily Applications	Number of Toilets	Water Savings (Gallons)	Number of Clothes Washers	Water Savings (Gallons)	Total Water Savings (Gallons)	Water Conservation Kits	Rain Sensors	Programmable Timers
Total	27,820	14,330	1,867,375,973	16,233	1,217,003,141	3,084,379,114	7,961	955	886

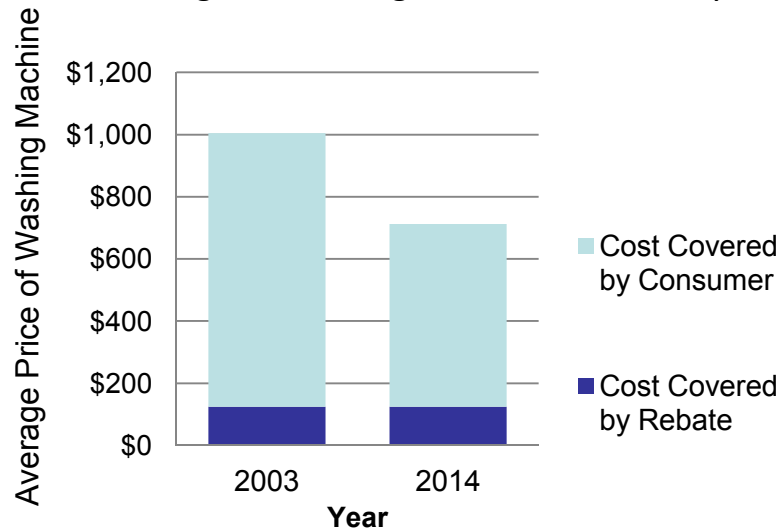
- ✓ The City of Sioux Falls has invested \$3,103,000 in The Rebate Program.
- ✓ It is 33% less expensive to conserve water than find new sources.**
- ✓ Every single day, Sioux Falls is treating 1,000,000 gallons of water LESS than in 2003. The City has grown by 33,000 residents in this same time!!**



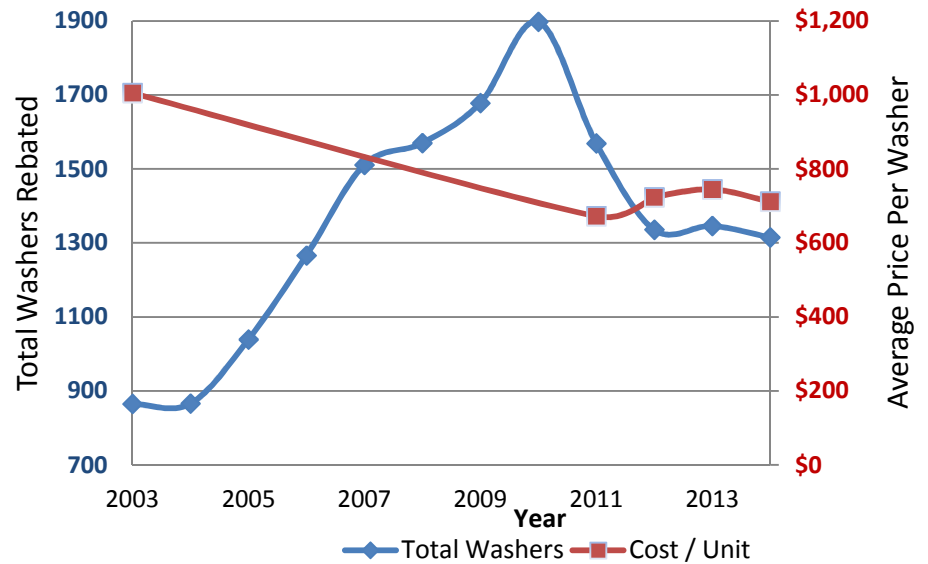
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Washing Machine Rebate 12 Years Later

Percentage of Washing Machine Covered by Rebate



Average Price Per Washing Machine vs. Number Rebated



Original Intent of Program

- ✓ 1. Reduce the Purchase Cost of HE Washing Machines.
 - a. High end HE Machines were \$1250 in 2003
 - b. \$125 was a 10% rebate of these machines
 - c. Average cost of a rebated HE washer in 2003 was \$1007
- ✓ 2. Reduce the Cost Difference Between HE and Non-HE Machines.
 - a. The cost difference between HE and Non-HE machines in 2003 was as much as \$550
- ✓ 3. Increase the Number of HE Machines Purchased in Sioux Falls.
 - a. Prior to 2003 only 5% to 30% of machines purchased were HE
 - b. The majority of washing machines available were Non-HE



Program Yesterday vs. Today

- ✓ 1. Reduction in the Purchase Cost of HE Washing Machines.
 - a. High end HE Machines Were \$1250 in 2003 / Today these machines are \$800
 - b. Top of the line models are not expensive from saving water, but because they are feature heavy
 - c. Average cost of a rebated HE washer in 2003 was \$1007 / Today that amount is \$704
- ✓ 2. Reduce the Cost Difference Between HE and Non-HE Machines.
 - a. The cost difference between HE and Non-HE machines in 2003 was as much as \$550 / Today at four local retailers they are \$100 or less apart
- ✓ 3. Increase the number of HE machines purchased in Sioux Falls.
 - a. In 2003 only 5% to 30% of machines purchased were HE / Non HE machines sold only to niche group
 - b. The majority of washing machines available were Non-HE / on average 80% of models available are HE
 - c. 4-5 of every 10 machines replaced today are already HE.



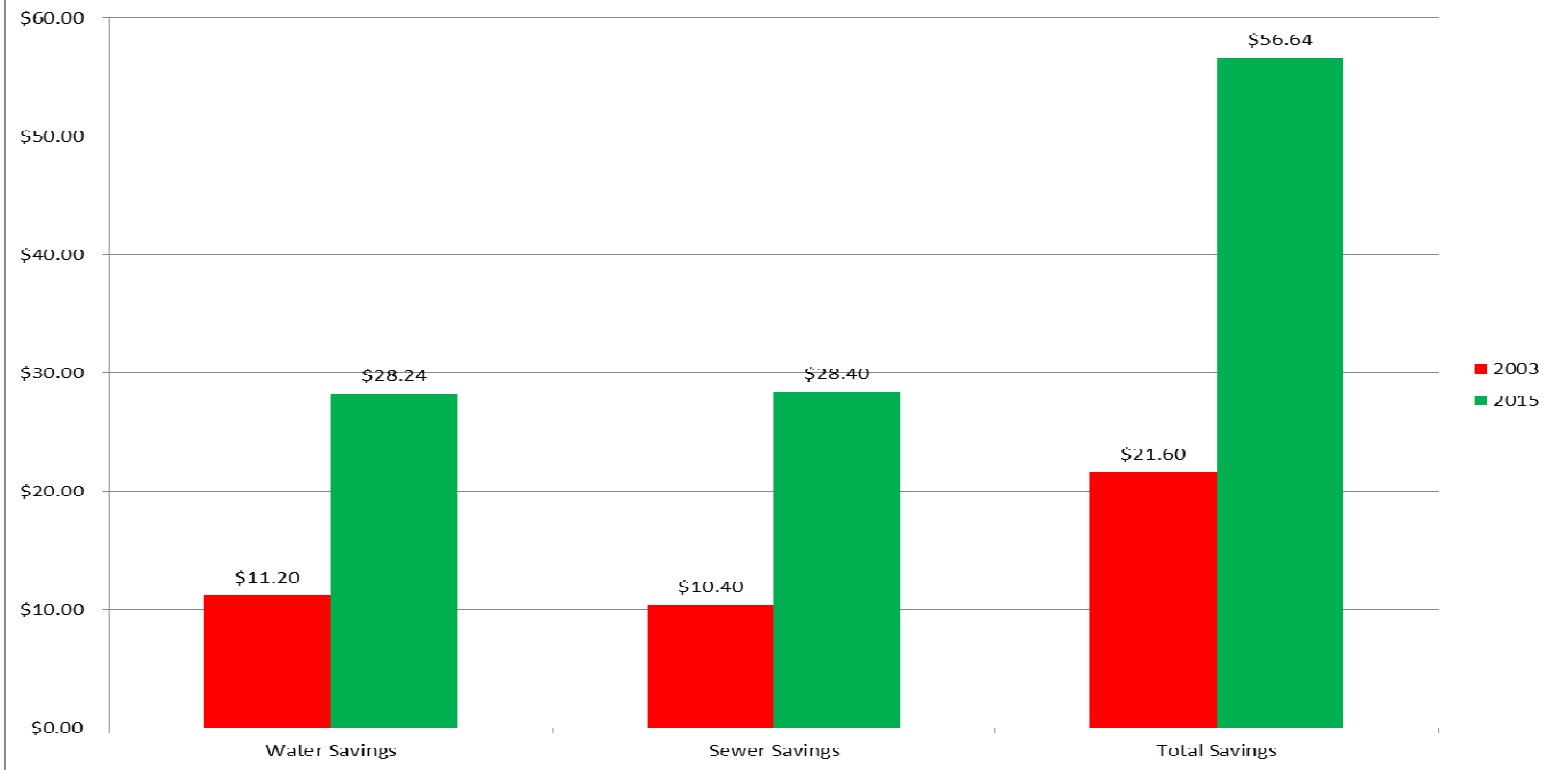
Regional Plumbing Rebate Programs

City	Toilet Rebate	Washing Machine Rebate
Denver, CO	\$75 for toilets with 1.28 GPF WaterSense	Eliminated in 2013 (After 8 years) due to price reduction in HE machines, increased utility rates and <u>HE for HE swap outs.</u>
Wichita, KS	\$100 for 1.28 GPF WaterSense toilet	\$100 HE washing machine rebate

Brought on by drought conditions

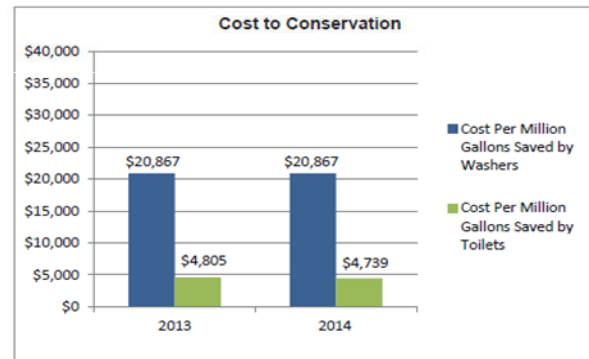
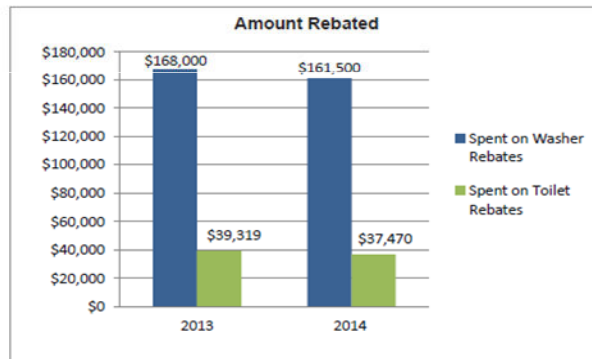
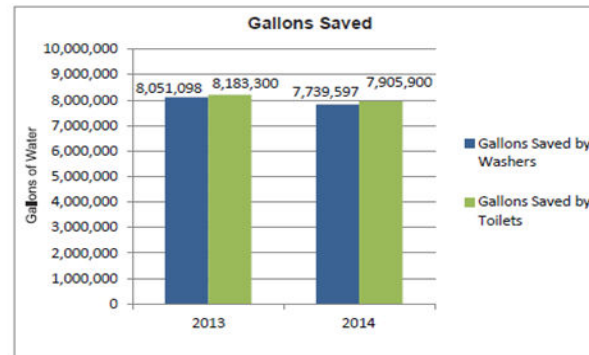
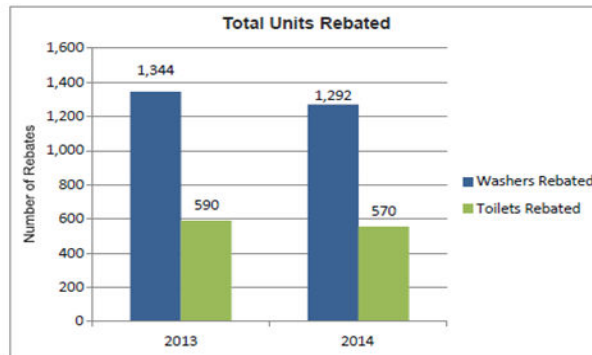


HE Washer Annual Utility Bill Savings Per Year - vs. Non HE Machine 5.76 Loads Per Week at 20 Gallons Saved Per Load



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Washer and Toilet Rebate Savings



Data represented is averages for a family of 4 from EPA website.

F060074.ai



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Proposed Ordinance Changes

Washing Machines

Eliminate Washing Machine Rebate Program
Ordinance 51.131

“People do not need tools, the tools are available and inexpensive. What people need is knowledge and information on how to best utilize those tools”



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Questions?



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