



ANNUAL SUSTAINABILITY SUMMARY

JULY 2014-JUNE 2015





As leaders in sustainability, Saint Paul RiverCentre and Xcel Energy Center are committed to being a top destination in the events industry.

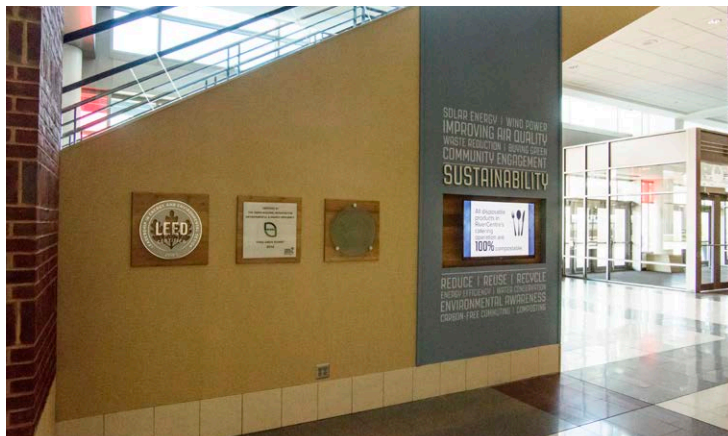
In 2014, the sustainability programs on our campus accomplished something unprecedented. We were the first complex in the world to achieve the following three environmental certifications: LEED for Existing Buildings, Green Globes for Continuous Improvement of Existing Buildings, and APEX/ASTM certification as a Venue for Sustainable Events.

This year we continued our journey, pushing each of our programs a little further and stretching toward our next set of goals and objectives. We are committed to being a sustainability leader in the events industry, which means that we must keep improving and integrating new processes and technologies that keep us ahead of the curve. The following summary describes the latest chapter in our sustainability story.

“It is our goal to always build upon our success, continue to grow and learn and exceed expectations. It is not in our nature to believe we have arrived. Our entire team is committed to hitting our next set of sustainability goals.”

– Jim Ibister

*General Manager, Saint Paul RiverCentre
VP Facility Administration, Minnesota Wild*



CONTENTS

Energy	3
Waste	4
Water.....	5
Community.....	5
Purchasing.....	6
Conclusion	6
Appendix.....	7



2015 Winner – Green Practices Award

ENERGY

LED TECHNOLOGY

In January of 2015, 300 metal halide lights in the Roy Wilkins Auditorium exhibition hall were upgraded to LED technology. Not only is the space brighter and emitting better light quality, but the change will save almost \$20,000 per year in energy costs and pay itself back in under two years.



WINDSOURCE FOR EVENTS

Our Windsource for Events program took a huge step forward this year, with nearly **THREE TIMES** as many private events choosing to offset their event with wind power compared to last year.



SOLAR GARDENS

This summer we signed on with GreenMark Solar, to subscribe to one of their new solar gardens for a portion of the electricity needs of Saint Paul RiverCentre and Xcel Energy Center. Once the garden is online, even more of our energy will be coming from the sun – and we will be saving money on our energy bills at the same time.



EARTH HOUR

Each March for the past three years, we have joined buildings across Saint Paul and around the world to celebrate Earth Hour. For one hour, we join millions around the globe by turning off non-essential lighting outside the building, to help raise awareness about environmental issues, energy conservation and climate change.

QUICK FACTS

Last year's electricity use at Saint Paul RiverCentre was down **14 PERCENT** from the benchmark period. Electric use has been steadily declining at Saint Paul RiverCentre for several years now, thanks in large part to the efficiency upgrades.



The complex is now operating **26 PERCENT** better than average for facilities like us nationally – a slight improvement over last year.



Our carbon footprint is down almost **62 PERCENT** since our 2007-08 benchmark period, due to a mix of on-site and off-site renewable energy technologies as well as several energy efficiency measures.



Since 2010, we've converted over **2,100** lights to more efficient models, and received over **\$275,000** in energy rebates from Xcel Energy.



For the second year in a row, we are one of the **TOP 5** purchasers of Windsource energy in Minnesota.



WASTE

RECYCLING BINS

In late 2014, we were awarded nearly \$50,000 in grant funds from the Minnesota Pollution Control Agency as part of their Environmental Assistance Grant Program. This funding has allowed us to add over 100 new recycling bins around our campus to better collect compostable material in public areas. It also allowed us to purchase new equipment behind the scenes that makes the program cleaner and more efficient.



DIGITAL BOARDS

Last summer our digital scoreboard, arenamation and outdoor marquees at Xcel Energy Center were replaced with a high-tech LED system from Daktronics that is both more efficient and much more visually dynamic. The entire old system was recycled - equating to an additional 37,487 pounds of recycled material.



WASTE TRACKING

This past year the complex purchased a large digital scale to facilitate better tracking of waste materials as they flow through the complex. This scale has been used in conjunction with multiple events to generate an event-specific waste report that identifies exactly how much of each type of waste was generated. This reporting process was fully tested this summer, when operations staff weighed the entire waste stream from the sold-out Dave Matthews Band concert. The result: a **70.5 percent concert-recycling rate** on a total of 13,200 pounds of waste!



QUICK FACTS

The complex's recycling rate continues to inch higher each year. We now recycle over



61 PERCENT of our entire waste stream annually.

Waste handling costs are down over

\$33,000



(15 percent) from last year. Contributors to this decrease include a slight drop in our overall waste volume from last year, as well as a new waste hauling contract that reduced our costs per ton to handle both trash and recycling.

Total waste generated is holding steady at

1.2 POUNDS



per visitor.

Compost/organics collected this year:

308 TONS -



almost 26 percent of the total waste stream.

EVENT SUSTAINABILITY REPORT

EVENT: Dave Matthews Band Concert - July 1, 2015

TOTAL WASTE GENERATED	13,200 lbs.	TRASH	3,888 lbs.
			29.5%
COMINGLE	5,110 lbs.	CARDBOARD	968 lbs.
	38.7%		7.3%
COMPOST	3,234 lbs.	RECYCLING RATE	70.5%
	24.5%		



WATER

CHANGE THE COURSE

As part of our goal surrounding water conservation, we partnered with the NHL and Bonneville Environmental Foundation this year to “Change the Course.” The program focused on creating water conservation awareness in our community, while at the same time raising funds to restore critically de-watered rivers like the Colorado River in the southwest. In-game announcements, social media contests, concourse signage and intermission activities were implemented to engage fans in the effort.

HOCKEY NEEDS ICE.
...ice needs water.

THE MINNESOTA WILD IS CHARTING A COURSE TO LEARN ABOUT OUR WATER FOOTPRINT AND WHAT WE CAN DO TO REDUCE USAGE AND KEEP OUR WATER CLEAN.

YOU CAN HELP MAKE A DIFFERENCE. IT'S EASY!

PLEDGE TO CONSERVE WATER BY TEXTING "WILD" TO 77177 AND WE'LL RESTORE 1,000 GALLONS OF WATER TO A CRITICALLY DEWATERED RIVER



CORPORATE ACTIVATION

We partnered with our corporate partner, Coca-Cola™ to generate buzz around the Change the Course program by giving away a free rain barrel, made from a recycled Coca-Cola syrup barrel, to three Wild fans.

STORM DRAIN GOALIE

To further educate the public on water protection, we partnered with Hamline University's Storm Drain Goalie program this season. This interactive goalie display in the arena concourse engaged Wild fans by having them pose for photos while they “protected” storm drains from common pollutants. This light-hearted activity educated fans about the importance of healthy storm drains to our local watersheds.



QUICK FACTS

Total water use is down almost **7 PERCENT** at Xcel Energy Center, and holding within one percent of last year's usage at Saint Paul RiverCentre.



Water use per visitor in 2014-15:

7.4 GALLONS
(up slightly from last year.)



This year, the complex focused on water in a new way:

COMMUNITY OUTREACH

and education. We implemented several initiatives around water protection and conservation in our community.



COMMUNITY

ADOPT-A-RIVER

This year, our organization celebrated Earth Day by committing to Minnesota's Adopt-a-River program. This Minnesota DNR-based volunteer program collects trash from thousands of miles of lake and river shoreline each year. Over 40 volunteers from our campus spent a half day removing trash and unwanted items from the banks of the Mississippi River in Lilydale.



The result: approximately 2,100 pounds of waste was collected, including old tires, a hot water heater, an old refrigerator and many bags of discarded litter.

SAINT PAUL ECO DISTRICT

Our sustainability programs have expanded beyond our own campus. In 2014, Saint Paul RiverCentre and Xcel Energy Center partnered with District Energy St Paul, the Science Museum of Minnesota, the City of Saint Paul and the Saint Paul Public Library to create the Saint Paul EcoDistrict, a self-guided walking tour that showcases sustainable technology in downtown Saint Paul. A mobile website was created to facilitate this tour for educators, visitors and environmental enthusiasts.



PURCHASING

Our extensive green purchasing program continued and grew this past season, with environmentally friendly purchases across a range of products from office paper to compostable food-ware to an entire line of green cleaning products. For example:

CLEANING & OPERATIONAL PRODUCTS

76 percent of roughly \$350,000 in cleaning product purchases are either made from recycled materials or are certified “green” because of their reduced environmental impact.

OFFICE PRODUCTS & PAPER

78 percent of over \$90,000 in purchases contain recycled-content or are third-party verified as “green”.

CONCLUSION

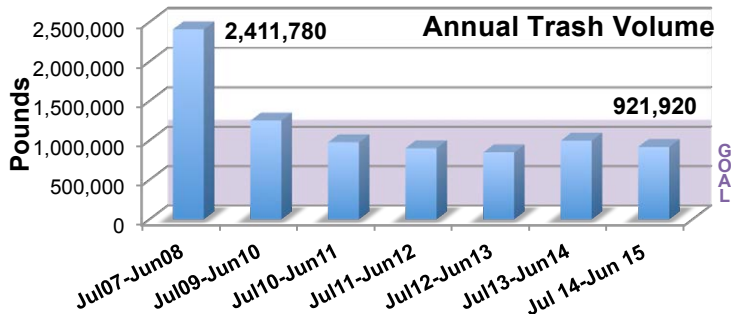
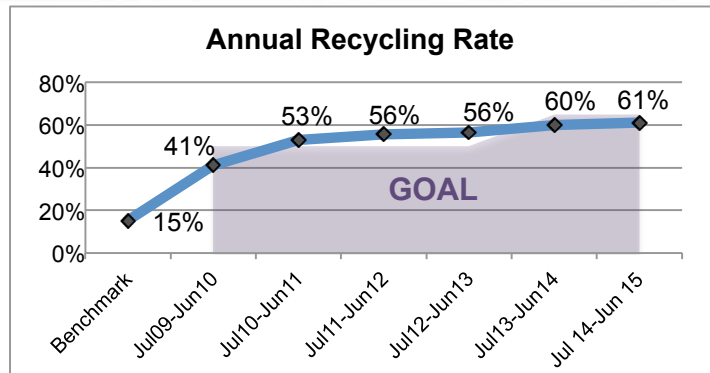
It would be impossible to top the achievements of this complex’s sustainability program last year. Achieving three international sustainability certifications has given a national voice to our efforts, and we could not be more proud. But as we said last year, we are not finished. Today, the certifications have become a launching point; they have helped us set our next round of goals and spurred a great deal of community engagement in our efforts. They have helped us achieve grant funding for our program, sponsor engagement in the efforts, and new event bookings with sustainability-minded organizations. We now receive regular requests to speak about our program at regional and national events, and the New York Times has even recognized us for our efforts.

But most importantly, now we have multiple internal champions who drive our efforts on all fronts, making sure we stay on the forefront of efficient operations and waste minimization. So we will keep pushing – to reduce our impact, improve our operations, and be the best community members that we can be.



APPENDIX

WASTE DATA Saint Paul RiverCentre & Xcel Energy Center



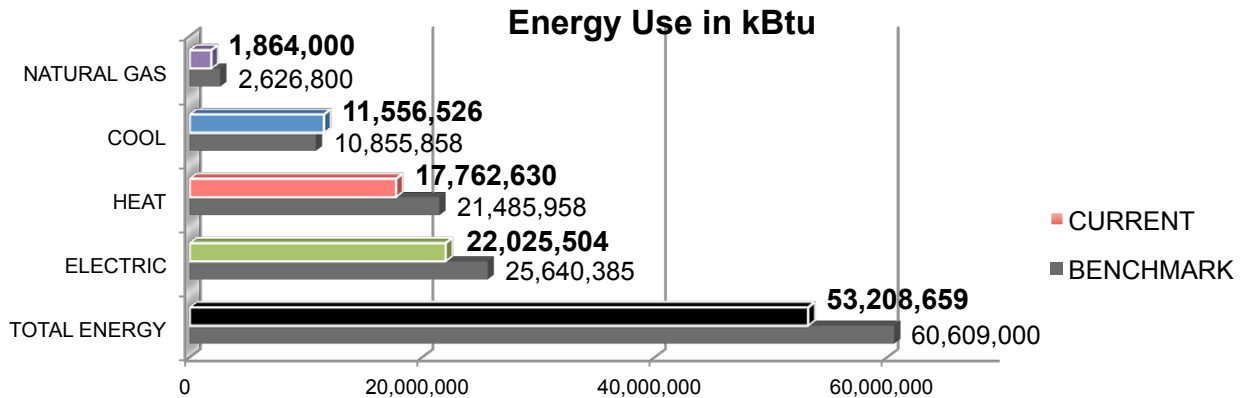
The total volume of waste decreased slightly last year, while the recycling rate increased by 1%.

Waste costs, which have been rising steadily, went down this year for the first time since the benchmark thanks in part to a new waste-hauling contract.

Cost Breakdown Table

	Benchmark Jul07-Jun08	Jul11-Jun12	Jul12-Jun13	Jul13-Jun14	Current Jul14-Jun15
Trash Disposal & P/U	\$79,902	\$46,606	\$47,159	\$56,440	\$46,150
Recycle Disposal & P/U	\$3,521	\$49,451	\$50,328	\$60,389	\$59,266
Total Taxes	\$70,356	\$46,804	\$48,449	\$57,587	\$44,465
Total Extra Fees *	\$16,319	\$30,135	\$33,150	\$40,453	\$27,261
Total Rental/Lease	\$4,725	\$21,969	\$17,347	\$14,712	\$17,845
Total Penalties **	\$75	\$340	\$1,088	\$1,173	\$435
Total Trash Credits	\$0	\$0	\$3,286	\$2,476	\$0
Total Recycling Rebates	\$9,724	\$13,218	\$10,299	\$8,669	\$8,822
Net Trash Costs	\$171,552	\$114,617	\$113,801	\$136,515	\$108,449
Net Recycling Costs	(\$6,186)	\$67,468	\$70,136	\$83,093	\$78,151
Total Waste Costs	\$165,366	\$182,085	\$183,937	\$219,609	\$186,600
Tons of Recycling	218	564	550	733	726
RECYCLING Cost Per Ton ->	(\$28)	\$120	\$128	\$113	\$108
Tons of Trash	1,206	453	426	500	461
TRASH Cost Per Ton ->	\$142	\$253	\$267	\$273	\$235
Total Waste Generated (tons)	1,424	1,017	976	1,234	1,187
Recycling Rate (annual)	15%	56%	56%	60%	61%

ENERGY DATA – Saint Paul RiverCentre

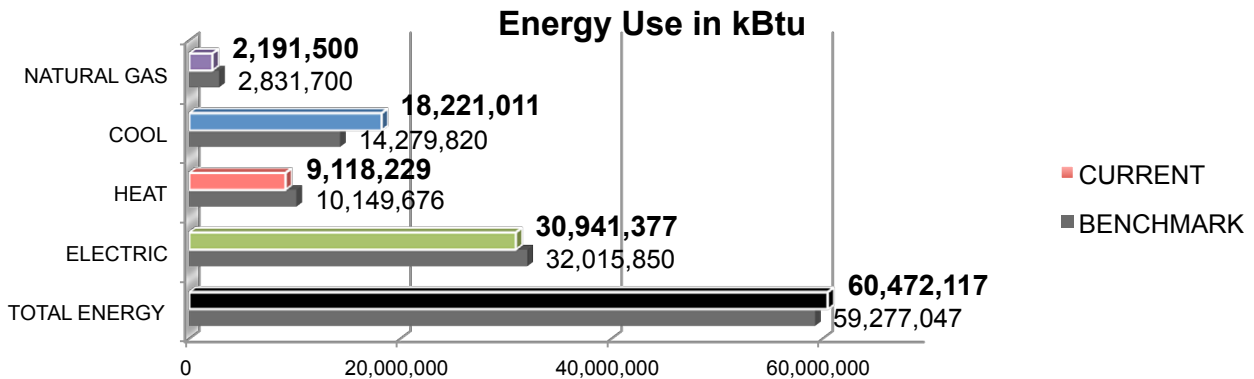


Electric, heating, and natural gas use are all down from the benchmark period; cooling is slightly higher, likely due to seasonal temperature variations. Electric use has been steadily declining at Saint Paul RiverCentre since the benchmark period, largely because most of the energy-efficiency retrofits have been focused on lighting and equipment that saves electricity.

Saint Paul RiverCentre Cost Table

	Benchmark Jul07-Jun08	Jul11-Jun12	Jul12-Jun13	Jul13-Jun14	Current Jul 14-Jun 15
ELECTRIC COSTS	\$599,005	\$593,731	\$613,454	\$667,005	\$639,253
Usage Costs	\$356,080	\$307,700	\$341,910	\$385,035	\$352,715
Demand Charges	\$141,862	\$139,443	\$147,191	\$176,452	\$171,003
Taxes/Fees	\$101,063	\$146,589	\$124,354	\$105,518	\$115,535
NATURAL GAS COSTS	\$29,076	\$12,106	\$14,424	\$23,393	\$15,639
Usage Costs	\$24,753	\$9,386	\$11,354	\$18,978	\$12,446
Taxes/Fees	\$4,323	\$2,719	\$3,071	\$4,415	\$3,193
HEATING COSTS	\$409,621	\$331,101	\$345,451	\$369,824	\$353,903
Usage Costs	\$165,554	\$90,134	\$126,721	\$152,028	\$139,557
Demand Charges	\$188,283	\$194,872	\$170,637	\$178,281	\$186,020
Taxes/Fees	\$55,784	\$46,094	\$48,092	\$39,515	\$28,325
TOTAL COOLING COSTS	\$699,577	\$784,326	\$756,870	\$719,399	\$704,788
Usage Costs	\$70,412	\$75,047	\$83,845	\$83,970	\$94,089
Demand Charges	\$560,976	\$633,332	\$600,285	\$586,753	\$586,753
Taxes/Fees	\$68,189	\$75,947	\$72,740	\$48,676	\$23,947
TOTAL COSTS	\$1,737,279	\$1,721,264	\$1,730,199	\$1,779,621	\$1,713,582
TOTAL ENERGY USE (in kBtu)	60,609,000	46,802,777	53,634,139	55,435,003	53,208,659
Cost/kBTU	\$0.0287				\$0.0322
					Current Cost per Unit @ Benchmark Use \$1,951,910
					Current 12-Month Cost Avoidance From Benchmark \$238,328

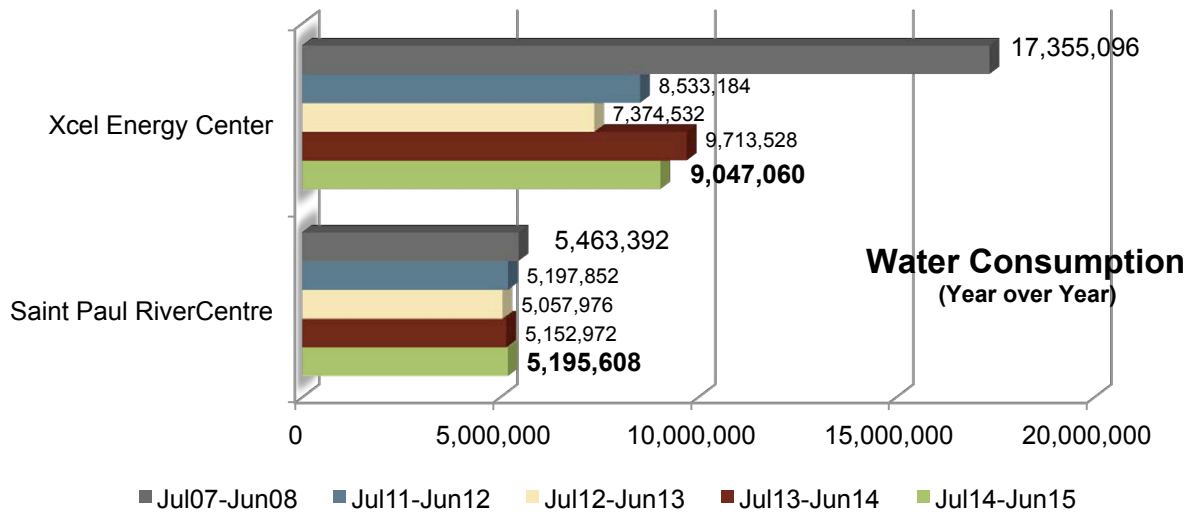
ENERGY DATA – Xcel Energy Center



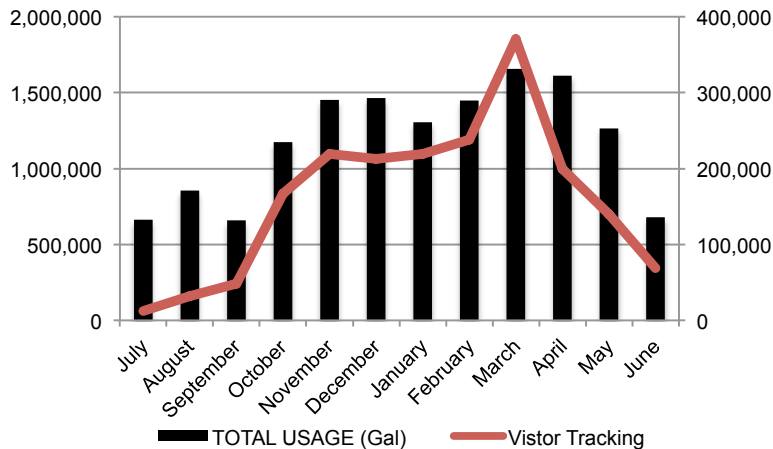
Xcel Energy Center also used less heating, electric, and natural gas compared to the benchmark period. Cooling has been higher for the past two years, primarily due to springtime increases as the Wild played into the postseason and the ice stayed in for longer. Total energy use is up about 2% from the benchmark period as a result.

Xcel Energy Center Cost Table	Benchmark Jul07-Jun08	Jul11-Jun12	Jul12-Jun13	Jul13-Jun14	Current Jul 14-Jun 15
ELECTRIC COSTS	\$739,761	\$802,496	\$746,012	\$923,288	\$900,053
Usage Costs	\$437,208	\$419,139	\$416,751	\$535,940	\$500,319
Demand Charges	\$176,316	\$190,798	\$179,827	\$242,057	\$238,257
Taxes/Fees	\$126,236	\$192,559	\$149,434	\$145,291	\$161,476
NATURAL GAS COSTS	\$30,700	\$16,621	\$19,241	\$23,465	\$18,361
Usage Costs	\$26,918	\$13,025	\$15,250	\$18,926	\$14,557
Taxes/Fees	\$3,782	\$3,597	\$3,991	\$4,538	\$3,804
HEATING COSTS	\$207,711	\$181,388	\$194,809	\$226,383	\$214,056
Usage Costs	\$77,939	\$54,636	\$65,178	\$94,067	\$71,511
Demand Charges	\$100,646	\$100,412	\$101,342	\$99,224	\$111,461
Taxes/Fees	\$29,126	\$26,340	\$28,289	\$33,093	\$31,084
TOTAL COOLING COSTS	\$647,624	\$730,856	\$696,446	\$739,389	\$765,152
Usage Costs	\$92,633	\$120,007	\$87,151	\$125,702	\$148,819
Demand Charges	\$492,156	\$536,105	\$538,070	\$538,070	\$538,070
Taxes/Fees	\$62,836	\$74,744	\$71,224	\$75,616	\$78,263
TOTAL COSTS	\$1,625,796	\$1,731,360	\$1,656,508	\$1,912,524	\$1,897,621
TOTAL ENERGY USE (in kBTU)	59,277,047	56,153,072	50,960,845	62,362,874	60,472,117
Cost/kBTU	\$0.0274				\$0.0314
Current Cost/Unit @ Benchmark Use					\$1,860,119
Current 12-Month Cost Avoidance					-\$37,501

WATER DATA - Saint Paul RiverCentre & Xcel Energy Center



Gallons to Visitors (July 14-June 15)



Water use is up slightly at Saint Paul RiverCentre, but down 7% at Xcel Energy Center compared to last year. Costs have followed the same trend, although total water costs are still lower than during the benchmark period due to the substantial decrease in usage at Xcel Energy Center.

	Benchmark Jul07-Jun08	Jul11-Jun12	Jul12-Jun13	Jul13-Jun14	Current Jul14-Jun15
Saint Paul RiverCentre					
Water Cost	\$13,489	\$16,676	\$16,322	\$16,325	\$17,405
Sewer Cost	\$20,427	\$23,912	\$24,092	\$24,802	\$25,855
Taxes & Fees	\$112	\$1,417	\$2,217	\$2,675	\$3,745
Total Cost:	\$34,027	\$42,005	\$42,631	\$43,802	\$47,005
Total Gallons:	5,463,392	5,197,852	5,057,976	5,152,972	5,195,608
Xcel Energy Center					
Water Cost	\$42,699	\$27,306	\$22,027	\$30,616	\$30,190
Sewer Cost	\$64,784	\$39,316	\$33,527	\$46,797	\$45,094
Taxes & Fees	\$3,077	\$3,152	\$5,686	\$7,907	\$10,524
Total Cost:	\$110,559	\$69,774	\$61,240	\$85,321	\$85,808
Total Gallons:	17,355,096	8,533,184	7,374,532	9,713,528	9,047,060