



Sustainability Annual Report 2014

Summary

In 2013 the resources of Water, Electricity, Natural Gas, Waste and Paper cost the school a total of \$111,479 (\$217 per student). The totals for 2014 are not available yet but the usage rates are higher than in 2013 despite fewer students. This means that the total cost for these resources will probably be over \$130,000 (\$265 per student). If the school consumption rates were in line with the benchmarks set by Sustainability Victoria, the school would be saving about \$35,000 per year.

2013 and 2014 Consumption

	Cost	Cost/student	Amt	Amt/student	Benchmark
Water	\$3,563	\$7	1,005kL	2kL	4kL
Electricity	\$75,103	\$146	327,990kWh	638kWh	400kWh
Natural Gas	\$14,785	\$29	871,962MJ	1,696MJ	1400MJ
Waste	\$12,445	\$24	318m ³	0.7m ³	0.3 m ³
Paper	\$5,583	\$11	1,018 reams	2 reams	1.6 reams
Total	\$111,479	\$217	-	-	

The values for 2014 are generally higher per capita, despite fewer students:

These consumption rates can be compared with other schools in the 5 Start Sustainable Schools Program for 2013 and with the benchmark values that are set by Sustainability Victoria. The main points are:

- We are using much more electricity than other schools per capita
- We are creating much more landfill than other schools per capita
- We are using much more natural gas than most schools per capita
- We are using about the same amount of paper as other schools per capita
- We are using about the same amount of water as other schools per capita (and are under the benchmark)

Potential Savings

The goals for UYSC for 2015 are outlined in the Sustainability Policy. Achieving these goals would incur the following savings:

Goal (per student)	Current cost (2013)	Estimated cost (benchmark)	Saving
Reducing landfill waste to 0.3m ³	\$12,445	~\$8,000	~\$4,000
Reducing electricity to 400kWh	\$75,103	~\$47,000	~\$28,000
Reducing natural gas to 1,400MJ	\$14,785	~\$12,000	~\$3,000
Total	\$102,333	~\$67,000	~\$35,000

Some actions have already been taken to reduce these costs:

- Recycle bins are being used (\$1,200 per year) to reduce the waste collection costs. These are still not full each fortnight so there is room for more waste reduction.
- Energy efficient lights have been installed in the gym with savings of about \$1,000 per year.
- Paper has been reduced by use the introduction of the iPad program and Compass administration system.

Appendix 1

2013-2014 Consumption Comparisons

