

"No winter lasts forever; no spring skips its turn"

SUSTAINABLE EAU CLAIRE AWARDS

Did you know you can now nominate a staff member for his or her exceptional contributions towards making this organization more sustainable?

Learn more by visiting the award program's website.

ECO-MUNICIPALITY

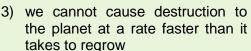
-Hal Borland

The City in <u>resolution 2009-232</u> pledged to become a more sustainable community by applying <u>The Natural Step</u>© framework. In Wisconsin, almost 30 locales have pledged similar. In order to move towards a more balanced state, we essentially must follow all four of these scientifically-based "operating principles":

1) we cannot dig stuff up from the Earth at a rate faster than it naturally returns and replenishes



 we cannot make chemical stuff at a rate faster than it takes nature to break it down



we cannot do things that cause others to not be able to fulfill their basic needs



At the City's recent training day, several workplace and at-home action checklists were passed out to help employees make more sustainable decisions.

THE LIBRARY MAKES IT REAL

A real life example of working to meet the four operating principles is the City's library. Not only do its resources and staff help our community learn (#4), but relocation and renovation decisions made in the 1970s and 2009 helped to design and retain a facility that maximizes its downtown location rather than building over nature on the edge (#3). By using more environmentally-friendly cleaning supplies it pollutes less chemicals into the air and water (#2), and with a focus over the last several years on energy efficiency, it means less reliance on fossil fuels and cleaner air (#1). The table below demonstrates this success. Currently, the library is undergoing a \$150,000 lighting retrofit, half funded by a State grant, to install more energy efficient lighting. These outdated fixtures will be replaced with new modern LEDs.













Metric	Baseline (Feb / 2006)	Current (Nov / 2015)	Change
ENERGY STAR score (1-100)	Not Available	Not Available	N/A
Source EUI (kBtu/ft²)	204.5	142.7	-61.8(-30.2%)
Site EUI (kBtu/ft²)	83.5	70.2	-13.3(-15.9%)
Energy Cost (\$)	78,437.57	77,144.09	-1293.48(-1.6%)
Total GHG Emissions (Metric Tons CO2e)	806.5	545.4	-261.1(-32.4%)

