



GREEN CITY EDU

WHAT IS NIAGARA GREEN CITY EDU

What we do and how we do it

NIAGARA
CONSERVATION

NIAGARA GREEN CITY EDU

- **Niagara Green City EDU** is a water and energy conservation program specifically designed for universities where students are given an active role in water conservation.
 - **Student research** will help universities save millions of gallons of water, discover new benefits from retrofits, and gain knowledge about water conservation at a global scale.
 - **Outreach education** program will promote long-term water conservation awareness and advocacy.

GREEN CITY EDU OBJECTIVE

To increase awareness and understanding of the feasibility of indoor water/energy conservation by involving students to identify key savings and to continue this conversation through outreach education.

PART ONE: WATER CONSERVATION RESEARCH

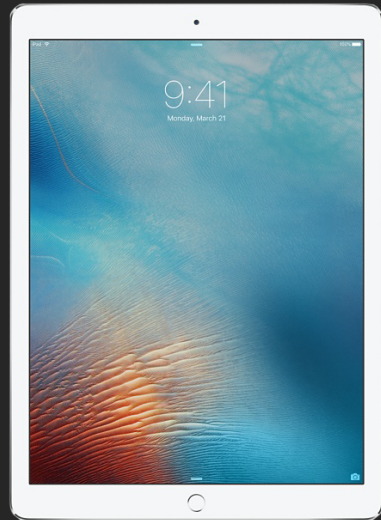
- Students will be given the proper tools and education to perform water audits in campus residence halls.
 - Test old and new campus fixtures to compare water usage and savings.
 - Consider the following questions:
 - What could your university do with these savings?
 - What other community and environmental benefits do you see from these retrofits?
 - How feasible do you think these retrofits would be in your surrounding city?
- Students should talk to their local utility provider to discuss savings and potential impacts of retrofits at a large scale.

PART TWO: WHITE PAPER COMPETITION

- Students will compete to create the best white paper presenting their research to win prizes.
- Participants should compile their findings in white paper format and include the following:
 - Water savings
 - Collaboration with local utility
 - Environmental impacts
 - Community benefits
 - Feasibility of large scale retrofits
 - Additional benefits and future implications

STUDENT WATER CHAMPIONS

The top three students with the best white papers will receive the following prizes:



1st place

Brand new iPad



2nd place

BirkSun Solar Backpack



3rd place

\$100 Starbucks gift card

PART THREE: OUTREACH EDUCATION

- To ensure long-term results, we plan to empower students and provide them with the resources to enact water conservation education programs at their universities:
 - Water conservation brochures
 - Water consumption calculator
 - Information on rebate options from local utility
 - Water pledge

WATER CONSERVATION OUTCOMES



WATER SAVINGS



FINANCIAL SAVINGS



**PROTECTION OF DRINKING
WATER SOURCE**



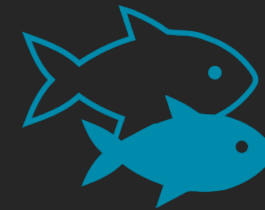
LEED POINT CONTRIBUTOR



ENERGY SAVINGS



**LESS WATER USED → LESS
WASTEWATER TREATMENT
NEEDED → SAVINGS FOR
UTILITY**



**INCREASED
AQUATIC HEALTH**

UHET WATER- SAVING KITS

Niagara's UHET Water-Saving Kits allow for the customization of your water conservation plan, offering water-efficient products that will help you save water and money without altering your daily routine.



CONTENTS

1 Toilet
1 Showerhead
1 Kitchen Aerator
2 Bathroom Aerators



ADJUSTABLE

Any products can be combined to create a kit



SAVE WATER

Saves up to
30K – 40K
Gallons per
Year per
Household



SAVE MONEY

Reduces Water
and Energy Bills up
to **30-40%**



PERFORMANCE

Most Products are
WaterSense
Certified

Build your kit here: <https://niagaracorp.com/uhet/>

WHY CHOOSE NIAGARA PRODUCTS

- No flapper, no leaks, less maintenance
- Lower water treatment costs
- #1 warranty in the business
- ROI in as little as 6-8 months
- Enhanced company reputation as a result of conservation efforts
- Unparalleled water, money, and energy savings

What will your university
do with these savings?



THE END

THANK YOU