

# SUSTAINABILITY INITIATIVES BY STUDENT ORGANIZATIONS FUNDING PROPOSAL

## Part I - General Information

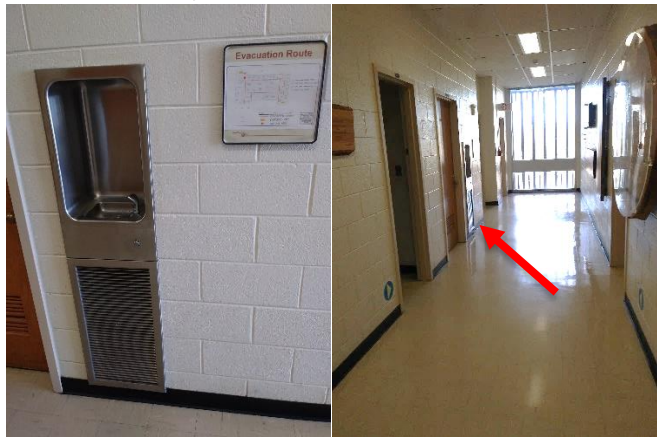
<b>Name of Student Organization</b>	Water Team
<b>Contact/Responsible Person</b>	Allison Mitchell
<b>Contact Office Held/Title</b>	Office of Sustainability Intern
<b>Contact Email Address</b>	mali98@vt.edu
<b>Contact Telephone Number</b>	540-256-1766

## Part II - Project Cost Information

Estimate Cost of this Proposal	\$5,400	See Part III.C and III.F
Estimated Savings –	0	See Part III.D
<b>Net Cost of this Proposal</b>	<b>\$5,400</b>	

## Part III - Supporting Information

A. Please describe your sustainability initiative and attach supporting documentation.  
 This project would install a water bottle refill station on 3<sup>rd</sup> floor Cheatham Hall to encourage the use of reusable water bottles. We propose this project after discussion with Dean Winistorfer, who has given full support for this sustainability initiative. We also consulted with Jim McDaniel in Facilities/Minor Renovations as to the cost and feasibility of this project. This would replace the old water fountain that is currently recessed into the wall with a more modern (Elkay EZH2O) water fountain that includes a water bottle refill station. The station is located on the west side of the building near the elevator and directly outside the dean’s suite (room 324). See the pictures below and the attached Elkay spec sheet for more information on the replacement water bottle refill station.



B. How does this initiative help to achieve the goals of the Virginia Tech Climate Action Committee Resolution and Sustainability Plan?  
 Installation of a water bottle filling station in Cheatham Hall would align with the goals of the Virginia Tech Climate Action Commitment and Sustainability Plan. This station would allow for Virginia Tech to be a leader in campus sustainability (Goal 1), minimize waste and encourage recycling by reducing the need for single-use water bottles (Goal 8), engage students and faculty to reduce waste by providing sustainable options like the refill station (Goal 10), and provide funding to support sustainability programs (Goal 14).

C. What is the cost of your proposal? Please describe in adequate detail the basis for your cost estimate.  
 The cost of this proposal is based on the standard price for an Elkay EZH2O Bottle Filling Station with Integral SwirlFlo Fountain, Refrigerated Unfiltered Stainless (Model: EZWS-ERPBM8K) = \$5,685.00. We assume a \$250 cost for shipping. This cost was added to the cost estimate for installation that was provided by Jim McDaniel, our Facilities project reviewer, which was \$2,704.25 (install = \$900, electrical = \$650, permit = \$60, contingency = \$1,094.25) for a project total of \$8,389.25. Dean Paul Winistorfer has offered to fund \$3,000 of the total from CNRE funds, which will lower the total cost to \$5,389.25.

D. Will your proposal produce cost savings for the University? If so, how much? Please describe in adequate detail the basis for your savings estimate.  
 Although it is difficult to quantify the cost savings from a water bottle refill station, there will be less money spent on single-use bottled water purchases. Also, the convenient location near the Dean's office will promote reuse and allow campus visitors, students, faculty, and staff to more easily rehydrate.

E. Is this funding request an Ongoing or One-Time change (please check one)?

One-time       Ongoing

F. Is funding available for this request from another source? If yes, describe the funding (source, amount, etc.)  
 Yes, Dean Paul Winistorfer has offered to pay \$3,000 towards the water bottle refill station from CNRE funds, which will drop the price from \$8,389.25 to **\$5,389.25**.

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### Part IV- Requestors/Reviewers

Prepared By (Name of Contact for Student Organization) Allison Mitchell      Date 12/6/19

Reviewed By (Name of Appropriate University Official) Jim McDaniel      Date 12/5/19

Reviewed By (Name of Office of Sustainability Representative)

*Nathan King*

Date 12/5/19