

rec 9/30/11



MTSU Clean Energy Initiative Project Funding Request

There are five (5) sections of the request to complete before submitting. See <http://www.mtsu.edu/sga/cleanenergy.shtml> for funding guidelines. Save completed form and email to cee@mtsu.edu or mail to MTSU Box 57.

1. General Information	
Name of Person Submitting Request Dr. W. Anderson, Mr. T Redd and Mr. Larry Sizemore	
Department/Office ABAS	Phone # (Office) 2408
MTSU Box # 5	Phone # (Cell)
E-mail wanderso@mtsu.edu	Submittal Date 9-30-11

2. Project Categories (Select One)			
Select the category that best describes the project.			
<input type="checkbox"/>	Energy Conservation/Efficiency	<input checked="" type="checkbox"/>	Sustainable Design
<input type="checkbox"/>	Alternative Fuels	<input type="checkbox"/>	Other
<input type="checkbox"/>	Renewable Energy	<input type="checkbox"/>	

3. Project Information
<ul style="list-style-type: none"> a. Please provide a brief descriptive title for the project. b. The project cost estimate is the expected cost of the project to be considered by the committee for approval, which may differ from the total project cost in the case of matching funding opportunities. Any funding request is a 'not-to-exceed' amount. Any proposed expenditure above the requested amount will require a resubmission. c. List the source of project cost estimates. d. Provide a brief explanation in response to question regarding previous funding.
3a. Project Title: Rain Gardens on MTSU Campus for MS4 Compliance
3b. Project Cost Estimate \$4000.00
3c. Source of Estimate :MTSU Student Fees
3d. If previous funding from this source was awarded, explain how this request differs? Re-establish Rain gardens destroyed by campus construction the summer 2011.

--

4. Project Description

(Completed in as much detail as possible.)

- a. The scope of the work to be accomplished is a detailed description of project activities.
- b. The benefit statement describes the advantages of the project as relates to the selected project category.
- c. The location of the project includes the name of the building, department, and/or specific location of where the project will be conducted on campus.
- d. List any departments you anticipate to be involved. Were any departments consulted in preparation of this request? Who? A listing may be attached to this form when submitted.
- e. Provide specific information on anticipated student involvement or benefit.
- f. Provide information for anticipated future operating and/or maintenance requirements occurring as a result of the proposed project.
- g. Provide any additional comments or information that may be pertinent to approval of the project funding request.

4a. Scope: Work to be accomplished

I have identified sites MTSU Experimental Learning and Research Center. When construction is complete on the main campus additional sites will be identified. My web page http://mtsu.edu/abas/fac_anderson.shtml; illustrates the work that has been accomplished.

I have been able incorporate construction and maintenance in learning goals of enrolled students in two courses.

4b. Scope: Benefit Statement

EPA has designated MTSU is a Municipal Separate Storm Sewer System (MS4). MTSU pays annual fees for untreated runoff water.

4. Project Description (continued)
<p data-bbox="240 233 849 264">4c. Location of Project (Building, etc.)</p> <p data-bbox="240 306 1369 380">For now the MTSU Experimental Learning and research Center on Guy James Road.</p> <p data-bbox="240 422 1341 495">Once construction is completed I'll work with Mr. L. Sizemore, MTSU Grounds Services Supervisor, to identify sites on main campus.</p>
<p data-bbox="240 653 659 684">4d. Participants and Roles</p> <p data-bbox="240 726 1369 884">I used students in ABAS 3370: Soil Analysis and ABAS 4370: Soil & Water Conservation to help construct rain garden(s) and maintenance of previous gardens. Maintenance involves raking and trimming plants in the fall and spring.</p>
<p data-bbox="240 1010 1011 1041">4e. Student participation and/or student benefit</p> <p data-bbox="240 1083 1385 1283">We are all accountable for Tennessee water quality. Since 2006, I have involved 150 students in this activity (see my web page http://mtsu.edu/abas/fac_anderson.shtml). Former students have incorporated this water treatment concept into their own and professional landscaping.</p>
<p data-bbox="240 1388 1130 1419">4f. Future Operating and/or Maintenance Requirements</p> <p data-bbox="240 1461 1325 1535">Maintenance requirement are minimal. The garden should be raked and pruned in the fall and spring.</p>
<p data-bbox="240 1671 1320 1745">4g. Additional Comments or Information Pertinent to the Proposed Project</p> <p data-bbox="285 1787 342 1818">n/a</p>

5. Project Performance Information

Provide information if applicable.

- a. Provide information on estimated annual energy savings stated in units such as kW, kWh, Btu, gallons, etc.
- b. Provide information on estimated annual energy cost savings in monetary terms.
- c. Provide information on any annual operating or other cost savings in monetary terms. Be specific.
- d. Provide information about any matching or supplementary funding opportunities that are available. Identify all sources and explain.

5a. Estimated Annual Energy Savings (Estimated in kW, kWh, Btu, etc.)

n/a

5b. Annual Energy COST Savings (\$)

n/a

5c. Annual Operating or Other Cost Savings. Specify. (\$)

After establishment, maintenance may be needed two times a year

5d. Matching or Supplementary Funding (Identify and Explain)

n/a