

Internship: Lead a project focused on water conservation and energy efficiency.

Company: Bailey Nurseries in Woodbury, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on water conservation and energy efficiency with Bailey Nurseries located in Woodbury, MN. The project will focus on water and energy mapping, exploring conservation opportunities, and gathering and sharing best practices from various Bailey Nurseries sites. The intern will quantify technical opportunities with guidance from mentors, develop suggestions and outline plans for implementation.

JOB DUTIES:

As part of this project, you will be asked to complete tasks such as the following:

1. Complete a water map for each of the four types of Bailey's facility (container, bare root, greenhouse, cooler)
2. Complete an energy map for each of the four types of Bailey's facility (container, bare root, greenhouse, cooler)
3. Identify water conservation opportunities for largest water uses. (irrigation)
4. Identify energy conservation opportunities for largest energy uses. (pumps, furnaces, refrigeration)
5. Collect and summarize best water and energy projects already completed from multiple Bailey's sites
6. As appropriate, initiate implementation of approved process changes or develop plans for future implementation.
7. Summarize findings in a detailed report, including recommended procedures and vendor proposals along with an economic analysis and justification of changes.
8. Present findings to the company and at MnTAP-hosted public presentation events.

As an intern, you will work at the company and report back to MnTAP. The position is full time, 40 hours per week, for three months to start after the conclusion of spring semester or quarter. Pay is \$19/hour, with a lump sum stipend of \$1,500 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to \$22.00/hour when averaged over the project. Candidates must pass a background check and have a valid driver's license.

QUALIFICATIONS:

- Cumulative GPA of at least 3.0
- Good oral & written communication skills
- A technical academic background
- Troubleshooting skills
- Self-motivated
- Excel and other software skills
- Appropriate majors: *Engineering, environmental or physical sciences and others as applicable*

TO APPLY:

Apply online at:

www.mntap.umn.edu/intern/student_apply.htm

Remember to submit your application form, cover letter, resume, and unofficial transcript.

Applications can be addressed to:

Matt Domski, Intern Program Manager

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MNTAP IS THE HIRING BODY: DO NOT CONTACT THE COMPANY