

Internship: Lead a project focused on water conservation at a dairy facility.

Company: St. Paul Beverage Solutions - Maplewood, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a water conservation project at St. Paul Beverage Solutions. The intern will work with MnTAP and St. Paul Beverage Solutions staff to assess water use and prioritize processes with opportunities for water reduction or reuse. The intern will quantify these opportunities and develop suggestions to minimize water use as well as outline plans for implementation.

JOB DUTIES:

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

1. Evaluate water use including equipment sanitization, rinsing, lubrication, and single pass cooling around the facility.
2. Prioritize water uses to determine focus areas.
3. Explore focus areas for water reduction, reuse, and recycling opportunities.
4. Make recommendations for specific improvements based on research, testing, and calculation that will result in water conservation.
5. Estimate waste, energy, and water reduction potential from implementation of provided recommendations, then prioritize suggested changes using simple payback methods for financial justification.
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 \$18/hour, with a lump sum stipend of \$1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to \$20.00/hour when averaged over the project. Candidates must pass a background check and a drug test.

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/interns/student/apply/

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