

Strengthening Minnesota businesses by maximizing efficiency and lowering costs through energy, water and waste reduction

**Internship:** Lead a project focused on fuel and water savings.

**Company:** Ventura Foods, Albert Lea, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on fuel savings and water conservation with Ventura Foods in Albert Lea, MN. The student will calculate savings potential for installing insulation on hot oil tanks and hot pipes, map the facility's use of water, explore opportunities water conservation and water reuse, and drive project implementation resulting in fuel and water savings. The intern will quantify these opportunities, develop suggestions and outline plans for implementation.

### JOB DUTIES:

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

1. Map temperatures and positions of significant hot oil tanks and pipes.
2. Calculate savings potential for adding insulation to hot tanks and pipes.
3. Coordinate with project team to acquire quotes for insulation installation.
4. Map major water consuming processes on site.
5. Explore opportunities to conserve and reuse water.
6. Estimate savings potential from implementation of provided recommendations, then prioritize suggested changes using simple payback methods for financial justification.
7. As appropriate, initiate implementation of approved process changes or develop plans for future implementation.
8. Summarize findings in a detailed report, including recommended procedures and vendor proposals along with an economic analysis and justification of changes.
9. 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.

### 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](http://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

200 Oak Street SE, Suite 350-1

Minneapolis, MN 55455 • [mdomski@umn.edu](mailto:mdomski@umn.edu)

**MNTAP IS THE HIRING BODY: DO NOT CONTACT THE COMPANY**