

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

**Company:** Seagate Technology, Bloomington, 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 Seagate Technology in Bloomington, MN. The student will map the facility's use of water and explore opportunities to reduce and reuse water. The student will also schedule and provide project management for a lighting audit with a professional lighting efficiency group to identify the energy savings opportunity for upgrading to LEDs. The intern will then 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. Develop a map of the facility's water use.
2. Use the water map as a basis to explore opportunities to conserve water.
3. Identify the water quality of various wastewater streams and explore the viability of reuse options for the cleanest streams.
4. Coordinate with professional lighting efficiency group to schedule and facilitate a lighting audit.
5. Estimate energy and water savings 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 company-approved results 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 \$16/hour, with a lump sum stipend of \$1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to \$18.00/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**