

**Internship:** Lead a project focused on multi-site waste reduction and water conservation strategies.

**Organization:** Metro Transit – Twin Cities, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior, senior or graduate student to lead a project focused on waste reduction and water conservation with Metro Transit. The intern will work with MnTAP and Metro Transit staff to assess opportunities at multiple sites operated by Metro Transit. The intern will conduct facility audits and interviews, while investigating best practices that reduce waste and conserve water across operations. The intern will quantify these opportunities in a detailed report, outline plans for implementation, as well as contribute to best practices for the Metro Transit Sustainability plan.

### JOB DUTIES:

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

1. Coordinate and conduct facility audits to map waste generation and water consumption with the help of pre-existing data.
2. Explore prevention and reuse opportunities for priority waste streams.
3. Evaluate water processes and equipment, such as vehicle wash systems, building fixtures, and irrigation infrastructure for potential water conservation opportunities.
4. Map waste station locations at audited facilities and explore opportunities for optimal station layout, signage and staff education resources.
5. Estimate waste reduction, diversion and water conservation potential from implementation of provided recommendations. Prioritize recommendations using simple payback methods for financial justification.
6. Contribute to the development of best practices and procedures for the Metro Transit Sustainability Plan.
7. As appropriate, support implementation of approved recommendations or outline 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 organization and at MnTAP-hosted public presentation events.

As an intern, you will work at the organization 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.

### QUALIFICATIONS:

- U.S. work authorization
- Good oral & written communication skills
- Troubleshooting skills
- Self-motivated
- Excel and other software skills
- Cumulative GPA of at least 3.0
- Preferred majors: *Environmental or physical sciences, Engineering and others as applicable*

### TO APPLY:

Apply online at:

[www.mntap.umn.edu/interns/student/apply/](http://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

200 Oak Street SE, Suite 350-1

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

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