The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on water conservation at the Anoka Hennepin Independent School District (ISD 11) in Anoka, MN. This internship involves gathering and interpreting current irrigation water use data, helping select water use priority properties, designing and conducting experiments to classify soil conditions and turf grass health, determining and implementing appropriate solutions, and educating and working in concert with school maintenance and athletic staff as appropriate.

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

1. Work with/ develop datasets of water uses, irrigation maps and associated energy use at priority properties.
2. Research irrigation component or system alternatives that would more effectively irrigate priority properties.
3. Configure and install (if possible) system component alternatives and measure resulting changes.
4. Develop information related to soil conditions and plant uptake potential at priority properties and evaluate options for improving soil conditions to make more effective use of irrigation watering.
5. Conduct initial athletic field turf soil hardness safety assessments using a GMax Impact Analyzer.
6. In concert with school maintenance and athletic staff, communicate with and inform affected staff on effective water use conservation practices and safety at the high school properties.
7. As time permits, review other aspects of outdoor water use at large ISD# 11 facilities including impact of improvements that could serve as a curriculum learning opportunity similar to the EPA WaterSense program materials for educators.
8. Overall, organize and manage project tasks, activities, and project documentation effectively, communicate and partner with affected staff, work competently, professionally, and safely.
9. Summarize findings in a detailed report.
10. Present project findings to school district staff 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 $13/hour, with a lump sum stipend of $1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to $15.00/hour when averaged over the project. Candidates must have a valid driver license and pass 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/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: 
Linda Maleitzke, Intern Coordinator
200 Oak Street SE, Suite 350-1
Minneapolis, MN 55455 • lmaleitz@umn.edu

MnTAP is the hiring body: do not contact the company.

MnTAP is located at the University of Minnesota School of Public Health, Division of Environmental Health Sciences, and funded in part by a grant from the state of Minnesota.