2016 MnTAP Summer Internship: Cemstone Products Company

Lead a project focused on water conservation and water reuse opportunities at several production sites of a major concrete products provider

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on water conservation at Cemstone Products Company sites in and around the surrounding Twin Cities, MN metro area. The intern will work to produce measurable reductions in the use of fresh water from product production and truck washout, and measurable improvements to water reuse systems. Facility water balances, technology improvements, and employee awareness and education will be a focus.

JOB DUTIES:

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

1. Develop facility water balances. Analyze existing water data to identify, analyze, develop, and cost-justify water conservation opportunities, including where possible, applicable energy saving metrics.
2. Evaluate reduction potential for water-dependent processes and equipment and/or operating procedures, including the feasibility and impact of potential changes to facility operations and in-place protocols.
3. Evaluate water-use technologies and potential automation opportunities.
4. As agreed upon, and as time permits, identify additional associated water conservation opportunities. This might include domestic-use fixtures and recommendations on potential upgrades to achieve greater water conservation.
5. Work with facilities staff to coordinate site work priorities, gather and analyze data generated, provide timely updates to staff, and implement feasible recommendations.
6. Overall, manage project tasks, activities, and project documentation effectively, work competently, professionally, and safely.
7. Summarize findings in a detailed report.
8. Present project findings to administration and other personnel 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

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.