**Laboratory and Field Technician – Environment/Biology/Civil Engineering**

**Agency** - Natural Resources Research Institute, University of Minnesota Duluth

**Location** – Duluth and neighboring area, MN; single-day travel required

**Positions** – 1 anticipated

**Term** – June 1st through October 31, 2020.

**Application Deadline** – May 8th, 2020. Email application materials to [mcai@d.umn.edu](mailto:mcai@d.umn.edu).

COVID-19 – At this time the University of Minnesota is under a hiring freeze and all University travel (including field work) is suspended. We do not know when/if normal operations will resume, but we are still preparing to fill our summer positions. Note that the actual dates of employment, descriptions of how field teams will be expected to interact, and where teams travel during the field season are subject to change at any time due to the University response to COVID-19 and recommended best practices by the Centers for Disease Control.

**Research Overview** – The technician will work on multiple research projects primarily in wastewater/stormwater treatment including field monitoring, laboratory experiment and pilot tests in wastewater treatment plants. Monitoring plant growth greenhouse studies is also required. Single-day travel is required in order to collect field samples and monitor pilot tests near Duluth.

**Job Duties**:

* Perform inorganic chemical reaction tests and plant growth studies in NRRI laboratory, greenhouse and pilot test sites;
* Work with researchers to set up a pilot test system;
* Measuring chemical parameters such as pH, turbidity, conductivity and more;
* Reagent and sample preparation/processing;
* Basic lab chores including glassware washing and bottle prep;
* Water sample collection from field test sites, including highway roadsides and wastewater treatment plants near Duluth;
* Various other tasks depending on abilities and needs of the projects.

**Preferred qualifications**:

* Well-organized, detail-oriented, highly motivated, able to work with minimal guidance, and have familiarity with basic laboratory procedures and conduct;
* Experience with plant growth studies and greenhouse work preferred;
* Familiarity with Windows Excel, Word and Access;
* Must be available to work up to 40 hrs/week during summer months;
* Must have valid driver’s license and clean driving record, be able to drive University vehicles and provide own transportation to NRRI.

**Salary**: $10.50 – $12.00 per hour, depending on qualifications.

**To Apply**: Submit letter of interest addressing how you meet the required qualifications, course taken, GPA, a resume or curriculum vita, and contact information for three references to Mei Cai (mcai@d.umn.edu). Applications will be reviewed as they are received beginning early May, 2020, and continuing until the position is filled.

**Mei Cai**

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