



## SARAH GAUTHIER

Civil Engineer

College of Engineering, University of Saskatchewan  
Missinipi Water Solutions Inc.

### QUICK FACTS

Sarah is a Professional Engineer registered with APEGS and is currently an Assistant Professor in the Department of Civil, Geological and Environmental Engineering at the University of Saskatchewan. Sarah is also the President and Owner of Missinipi Water Solutions, Inc. Ms. Gauthier holds a Bachelor of Science in Microbiology as well as a Bachelor of Science and Master of Engineering in Civil Engineering from the University of Saskatchewan. The Girls In The Classroom project was fortunate to have Sarah share her experiences in mine site remediation and passion for environmental protection at the following event:

**Event:** Mining Debate

**Mine Cycle Stage:** Reclaim

**Dates:** In-class Speaker Series: May 31, 2018  
Debate Event: June 11, 2018

**School:** Greystone Heights School (SAGE Program)

**Grade Level:** 7

**Curriculum Connection:** Debate, Career Pathing  
**Lesson Plan:** [www.girlsintheclassroom.org](http://www.girlsintheclassroom.org)

### Q&A WITH SARAH

**Why did you want to be a part of the “Girls in the Classroom – Unearthing Career Opportunities in Mining” project?**

I enjoy the opportunity to visit classrooms and to hear from students! There is always reciprocal learning that occurs. I also think it is important to provide students with a diverse face of typically male dominated professions.

**From your perspective, what was the most meaningful information that you shared with the class?**

Mining companies in this country are required to reclaim the land they use, and to provide financial assurances so that this occurs. We often only see images of mines in their operational phases, not the point at which the land has been reclaimed.

**How does the project benefit the various stakeholders (teachers, student, industry reps/company and industry as a whole)?**

I think this project benefits the teachers and students by providing another (potentially different) perspective in the classroom, and by complementing the existing curriculum with examples from industry. Industry benefits from the recruitment potential of the students. Perhaps we have planted the seed for future students and professionals in the areas of mining/environment/engineering!