



# Blair Swager

**B.S. in Environmental Engineering (2016)  
Ramboll USA Consulting, Inc., Dublin, Ohio**

## **Describe your overall duties/ responsibilities as a Senior Consultant 1:**

The US Environmental Protection Agency (EPA) regulates air quality in the United States through federal and state air pollution control programs. To protect human health and the environment, companies whose processes may emit air pollutants are required to obtain an air permit. As an air quality consultant, I help clients to quantify the air pollutants they have the potential to emit from their process. From this information, I determine which state and federal air quality rules apply to ensure their emissions are minimized to the greatest extent that is feasible, and which type of permit they are required to apply for. My typical job duties include traveling to facilities to tour operations, performing emission calculations, and preparing air permit applications to be submitted to the state agency.

## **Explain the skills/abilities that are required for being successful in your role:**

Successful air quality engineers are detail-oriented, as preparing permit applications requires attention to detail. Air quality engineers must also have

a desire to constantly be learning, as our clients are manufacturers across all sectors and each have unique process operations. If you have seen the show “How It’s Made”, environmental consulting is like that show in that you constantly learn how different products are made.

## **What advice would you give to students who are considering majoring in Environmental Engineering?**

Environmental engineering is a broad field with many different career paths and opportunities. What many of them have in common is protecting human health and the environment from degradation and pollution. Career paths include jobs at government agencies, design consulting roles, environmental compliance consulting roles, or environmental management roles at manufacturing companies. If you have an interest in environmental engineering, I recommend exploring the different career paths for the ones that sound the most interesting. Also, a co-op or internship in college is a great way to learn about the field while still in school!

