CAREER PROFILE

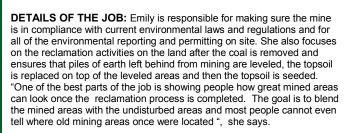
ENVIRONMENTAL ENGINEER

Name: Emily Clauson

Employer: Westmoreland Coal Company

Education: BSc. Environmental

Engineering



The environmental field is very busy and there is always something new to learn. Special projects like transplanting rare plants, seeding native prairie and various projects carried out to comply with environmental regulations keep the job fresh and interesting.

A TYPICAL DAY: A typical day varies, but is normally spent in the office organizing information, preparing reports and drafting maps. There are always opportunities to be out in the field helping with water samples, collecting data, and checking up on reclaimed areas and special projects. There are also many tasks that get done once a year so each month brings a new set of jobs that need to be completed.

Emily works Monday to Friday and is done work at 4:00. She has a young family and is able to enjoy her evenings and weekends with them.

SKILLS NEEDED:

- Strong math and science skills
- Critical thinking, problem solving and decision making skills
- An interest in helping the environment

COMMENT: Emily has always had an interest in the environment and when she first visited a mine site she realized that she was fascinated with the mining industry as well. Working as an environmental engineer she is able to combine her two interests in a very exciting and rewarding career.

WHERE CAN I GO TO GET AN EDUCATION? U. of Regina, U. of Saskatchewan

HELPFUL HIGH SCHOOL COURSES: Physical Science 20, Environmental Science 20, Earth Science 30, Biology 30, Chemistry 30, Mathematics 30, Calculus 30, English Language Arts 30

NOC: 2131

