



June 14, 2021

TO: Karen Molchanow, State Board of Education Board
ra-stateboardofed@pa.gov

I am emailing you today to strongly urge the PA Department of Education to include the subjects of environment, ecology, and agriculture in its proposed science education standards. I feel it is imperative for students of all ages to understand the importance of protecting our state's environment and our state's number one industry, agriculture. Since the new proposed education standards eliminate all mention of "environment, ecology and agriculture" for some age groups we are concerned that teachers may not be able to engage students in meaningful natural resource discussions and relevant, real world learning.

Very specifically, the proposed secondary science standards have four domains, and because none of them include the subjects critical to understanding Pennsylvania's ecosystems, middle or high school teachers may not include natural resource protection in their education curriculum. The inclusion of specific standards for environment, ecology, and agriculture as a fifth domain would allow for the integration of meaningful natural resource educational experiences. More importantly, PA needs to prepare our students for future careers in the fields of environment and agriculture, which may not happen as the proposed science education standards are currently written.

As I am sure you are aware, **every** construction project in the state of Pennsylvania must implement erosion controls to manage sediment pollution to protect the environment and every construction project must address ecology and obtain environment permits to address environmental protection in accordance with the Clean Streams Law and Title 25, Chapter 102 Erosion Control Regulations of the state of Pennsylvania.

Please, I urge the PA Department of Education to include environment, ecology, and agriculture in **all** science education standards prior to publication in the PA Bulletin.

Thank you for your consideration in this matter.

A handwritten signature in cursive script that reads "Juliann Sepesy".

Juliann Sepesy
Technical Environmental Permitting Specialist

