

Paul J. Bredwell III, P.E.
Vice President of Environmental Programs- U.S. Poultry & Egg Association

Paul Bredwell is a graduate of the Georgia Institute of Technology where he earned a bachelor's of civil engineering degree in 1986 focusing on hydraulics, hydrology and environmental engineering. He currently holds a license as a registered professional engineer in multiple states.

Mr. Bredwell has over 25 years of experience in the poultry and egg industry as an engineering consultant and his current role at the U.S. Poultry and Egg Association (USPOULTRY.) USPOULTRY is the world's largest and most active organization supporting the poultry and egg industry. The Association's membership includes poultry and egg farmers and processors of broilers, turkeys, eggs, ducks and breeding stock. Additionally, USPOULTRY supports and collaborates with 24 state poultry associations including all the states within the Chesapeake Bay Watershed.

Mr. Bredwell has held the position of Vice President of Environmental Programs since 2007. His responsibilities include the development of educational programs to assist all facets of the poultry and egg industry. This includes the development of tools that increase poultry and egg producer's and processor's awareness of environmental risks and adherence to environmental regulations. An example of this is the recent completion of collaborative project with the Environmental Protection Agency that delineates the requirement, importance and benefit of developing nutrient management plans on all poultry and egg farms. Additional responsibilities include the assessment and dissemination of technical and regulatory information to poultry and egg producers, processors and state poultry associations and the development and coordination of research projects, originating from various land grant universities, which focus on identifying and addressing environmental risk and mitigation.

Mr. Bredwell has been an engaged member of the Chesapeake Bay Program Agricultural Workgroup since 2012. He fully supported the Agricultural workgroup's effort to involve industry stakeholders during the "Building a Better Bay Model Workshop" in 2013 by reaching out to poultry industry environmental compliance personnel. He was able to obtain workshop participation by representatives of nearly every poultry processing company operating in the Chesapeake Bay Watershed.

To assist the efforts of the Poultry Litter Subcommittee, Mr. Bredwell served as an external subject matter expert as needed. In response to the Poultry Litter Subcommittee's recommendation to identify additional poultry population data, Mr. Bredwell assisted the Chesapeake Program office with the coordination of a pilot project that obtained turkey

population data from the turkey integrator companies operating within the Commonwealth of Virginia.

Mr. Bredwell is currently assisting with an effort to collect reoccurring turkey population data that will potentially be used to inform the 2019 model update. Data collected in this project will include litter volumes generated, litter nutrient concentrations and litter transfer volumes for each type of live production model used by the turkey industry (i.e. all-in/all-out, 1-stage, 2-stage, etc.) The current data collection project hopes to collect broiler and breeder population as well as litter volumes generated, litter nutrient concentrations and litter transfer volumes for these categories of operations.

With the goal of updating and enlisting further collaboration from the poultry & egg industry, Mr. Bredwell hopes to discuss and assist with the planning of a follow-up to the 2013 “Building a Better Bay Model Workshop.”