Title: Atmosphere Pollution Affects Water Quality

Author(s): Claude E. Boyd

1. School of Fisheries, Aquaculture and Aquatic Sciences Auburn University Alabama 36830 USA

Date: 05 December 2017

Publication Number: AquaFish Research Report 14-A15

AquaFish will not be distributing this publication. Copies may be obtained by writing to the authors.

Abstract: Human activities have altered the concentrations of gases and other compounds in the atmosphere. Acid rain typically does not heavily affect aquaculture operations, and application of agricultural limestone can buffer water against the impacts of acid rain at facilities that use stream water. Due to higher carbon dioxide concentrations in the atmosphere, the amount of carbon dioxide that will dissolve in ocean water has increased. Decreased pH can thin the shells of some molluscan shellfish and reduce survival.

This abstract was excerpted from the original paper, which was in the Global Aquaculture Advocate 17(5): 57-58.