INTRODUCTION

The Gulf Coast Regional Aquifer System (Gulf Coast Aquifer) is a major regional aquifer located along the Gulf Coast of south-central United States. The Gulf Coast Aquifer consists of a series of unconfined and confined aquifers, including the Lower Wilcox Aquifer, the middle Wilcox Aquifer, and the upper Wilcox Aquifer. The Lower Wilcox Aquifer is the most important aquifer in the region for groundwater supply, and it is underlain by the middle Wilcox Aquifer and overlain by the upper Wilcox Aquifer.

The Lower Wilcox Aquifer is a major source of fresh water for irrigation, drinking water, and industrial uses in the south-central United States. The aquifer is characterized by high permeability and porosity, which makes it an excellent source of fresh water. However, the aquifer is also threatened by contamination from various sources, including agriculture, oil and gas production, and industrial activities.

PROPERTIES AND CHEMICAL CONSTITUENTS IN GROUND WATER FROM THE LOWER WILCOX AQUIFER, MISSISSIPPI EMBAYMENT AQUIFER SYSTEM, SOUTH-CENTRAL UNITED STATES

by

ROBERT A. PETTIPON, JOHN F. BUSBY, AND JEFFERY D. BECKMAN

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