

Hydrology - Open-File Report 4

Impact of the Proposed Union Camp Paper Mill on the Local Ground-Water Users in Richland County, South Carolina

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INTRODUCTION

The Union Camp Corporation, after having considered several candidate locations, decided in 1981 to develop a site in Richland County, South Carolina, for their new bleached Kraft paper mill. The site is located in the southeastern corner of Richland County, along the Wateree River, about 2 miles east of the Town of Eastover.

The proposed plant will require approximately 35 to 40 Mgd (million gallons per day) for process water when it is completed. The present proposal is to withdraw 3 Mgd from wells completed in the Middendorf (Tuscaloosa) formation, and to withdraw the remainder from the Wateree River.

The purpose of this report is to evaluate the impact, in terms of water availability, of the proposed 3 Mgd pumpage on the local ground-water system.

Copies of this report are available in the SCDNR's Columbia office.