



EXPLANATION

 Reich Farm NPL Site	 Water pipeline
 Ciba-Geigy NPL Site	 Major road
 Dover Township	 Hydrography
 Water body	 Municipal well
	 Storage tank

E Pipeline location and letter. Percent contribution is reported in text

Percentage of water contributed by South Toms River wells (32, 38), 24-hour average

 1 to 10	 50 to 75
 10 to 25	 75 to 90
 25 to 50	 90 to 100

Notes: (1) Water pipelines range in diameter from 2 inches to 16 inches
 (2) Roads, hydrography, and boundaries based on 1995 TIGER/Line data
 (3) Pipeline from water-utility database (Flegal 1997)
 (4) Percentage of water based on model reaching dynamic equilibrium after 1,200 hours of simulation time



PLATE 107. AREAL DISTRIBUTION OF SIMULATED PROPORTIONATE CONTRIBUTION OF WATER FROM THE SOUTH TOMS RIVER WELLS (32, 38) TO LOCATIONS IN THE DOVER TOWNSHIP AREA, NEW JERSEY, JULY 1988 CONDITIONS

By Morris L. Maslia, Jason B. Sautner, Mustafa M. Aral, Richard E. Gillig, Juan J. Reyes, and Robert C. Williams



**Dover Township Area, New Jersey
 Water-Distribution System Model
 Historical Reconstruction Analysis**

Maslia ML, Sautner JB, Aral MM, Gillig RE, Reyes JJ, Williams RC. 2001. Historical reconstruction of the water-distribution system serving the Dover Township area, New Jersey: January 1962–December 1996. Atlanta: Agency for Toxic Substances and Disease Registry.