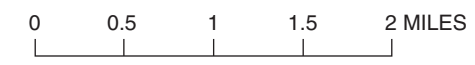


- EXPLANATION**
- Reich Farm NPL Site
 - Ciba-Geigy NPL Site
 - Dover Township
 - Water body
 - Water pipeline
 - Major road
 - Hydrography
 - Municipal well
 - Storage tank

- E** Pipeline location and letter. Percent contribution is reported in text
- Percentage of water contributed by Indian Head well (20), 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



**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.

PLATE 90. AREAL DISTRIBUTION OF SIMULATED PROPORTIONATE CONTRIBUTION OF WATER FROM THE INDIAN HEAD WELL (20) TO LOCATIONS IN THE DOVER TOWNSHIP AREA, NEW JERSEY, JUNE 1978 CONDITIONS

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