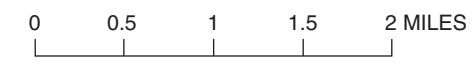


- EXPLANATION**
- Reich Farm NPL Site
  - Ciba-Geigy NPL Site
  - Dover Township
  - Water body
  - Water pipeline
  - Major road
  - Hydrography
  - Municipal well
  - Storage tank

- E** □ Pipeline location and letter. Percent contribution is reported in text
- Percentage of water contributed by South Toms River well (17), 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 72. AREAL DISTRIBUTION OF SIMULATED PROPORTIONATE CONTRIBUTION OF WATER FROM THE SOUTH TOMS RIVER WELL (17) TO LOCATIONS IN THE DOVER TOWNSHIP AREA, NEW JERSEY, JULY 1971 CONDITIONS**  
 By Morris L. Maslia, Jason B. Sautner, Mustafa M. Aral, Richard E. Gillig, Juan J. Reyes, and Robert C. Williams