



EXPLANATION

- Municipal Well
- Storage Tank
- Water Pipeline
- Major Road
- Hydrography
- Reich Farm NPL Site
- Ciba-Geigy NPL Site
- Dover Township
- Water Body

**Percentage of water contributed by the Route 70 well (31)
24-hour average**

- 1 - 10
- 10 - 25
- 25 - 50
- 50 - 75
- 75 - 90
- 90 - 100

Note: Percentage of water based on calibrated model reaching dynamic equilibrium after 1,000 hours of simulation time

0.5 0 0.5 1 1.5 2 2.5 Miles

N

PLATE 15. AREAL DISTRIBUTION OF SIMULATED PROPORTIONATE CONTRIBUTION OF WATER FROM THE ROUTE 70 WELL (31) TO LOCATIONS IN THE DOVER TOWNSHIP AREA, NEW JERSEY MARCH 1998 CONDITIONS

By Morris L. Maslia, Jason B. Sautner, and Mustafa M. Aral



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

Maslia ML, Sautner JB, Aral MM. 2000. Analysis of the 1998 water-distribution system serving the Dover Township area, New Jersey: field-data collection activities and water-distribution system modeling. Atlanta: Agency for Toxic Substances and Disease Registry, June 2000.