



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

Barium concentration, in micrograms per liter

**47.5** Top number is measured value; bottom number is simulated value at 08:00 hours on March 28, 1996.

**13.0** Point of entry (source) for barium; number is measured value for April 4 and 24, 1996 (see text for explanation)



**PLATE 12. AREAL DISTRIBUTION OF MEASURED AND SIMULATED BARIUM CONCENTRATIONS MARCH AND APRIL 1996, DOVER TOWNSHIP AREA, NEW JERSEY**

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.