



**EXPLANATION**

<span style="color: red;">■</span> Reich Farm NPL Site	<span style="color: blue;">—</span> Water pipeline
<span style="color: pink;">■</span> Ciba-Geigy NPL Site	<span style="color: green;">—</span> Major road
<span style="color: lightyellow;">■</span> Dover Township	<span style="color: grey;">—</span> Hydrography
<span style="color: lightblue;">■</span> Water body	<span style="color: blue;">●</span> Municipal well
	<span style="color: yellow;">▲</span> Storage tank

**Land-use classification at pipeline nodes**

<span style="color: red;">●</span> Central business district	<span style="color: orange;">●</span> Planned retirement community
<span style="color: blue;">●</span> Highway business	<span style="color: pink;">●</span> Residential
<span style="color: purple;">●</span> Hospital-medical service	<span style="color: green;">●</span> Rural
<span style="color: cyan;">●</span> Industrial	
<span style="color: yellow;">●</span> Office	

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) Land-use data from 1999 Dover Township zoning map; land-use data not available for Berkeley Township and South Toms River Borough  
 (5) Only positive demand nodes assigned a land-use classification



**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 47. AREAL DISTRIBUTION OF LAND-USE CLASSIFICATION ASSIGNED TO PIPELINE NODES  
 1996 WATER-DISTRIBUTION SYSTEM, DOVER TOWNSHIP AREA, NEW JERSEY**  
 By Morris L. Maslia, Jason B. Sautner, Mustafa M. Aral, Richard E. Gillig, Juan J. Reyes, and Robert C. Williams