Figure 1
New Jersey Ground Water Classification System
Class I-PL - New Jersey Pinelands

EXPLANATION:
Class I-PL consists of all ground water of the Cohansey and Kirkwood Formations in the Preservation Area and Protection Area designated by the Pinelands Protection Act of 1979.
FIGURE 2

New Jersey Ground Water Classification System

Class IIIA - Aquitards of the New Jersey Coastal Plain

- Municipal Boundaries
- Class IIIA

EXPLANATION:
Class IIIA consists of all ground water within major aquifers. The outcrop of these aquifers is represented by the shaded areas. The Class IIIA aquitards in the New Jersey Coastal Plain are the Woodbury, Merchantville, Marshmallow, Navesink, and Hornerstown formations.
FIGURE 3
NEW JERSEY GROUND WATER CLASSIFICATION SYSTEM
CLASS IIIB
CRETACEOUS POTOMAC-RARITAN-MAGOOTHY FORMATION

CLASS IIIB
EXPLANATION:
A Class IIIB area is defined as an area of chloride concentration greater than 3000 mg/l or TDS concentration greater than 5000 mg/l. Class IIIB areas in southeastern New Jersey are at depth in the Potomac-Raritan-Magoothy formation. Surface aquifers in this area are classified otherwise.

SOURCE: U.S.G.S. Water Resources Investigations 80-11

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FIGURE 4
NEW JERSEY GROUND WATER CLASSIFICATION SYSTEM
CLASS III B

FARRINGTON AQUIFER

CLASS III B

EXPLANATION:
A Class III B area is defined as an area of chloride concentration greater than 3000 mg/l or TDS concentration greater than 5000 mg/l. The Class III B area on this map is located within the Farrington Aquifer.


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NEW JERSEY GROUND WATER CLASSIFICATION SYSTEM

FIGURE 5

CLASS IIB
OLD BRIDGE AQUIFER

EXPLANATION:
A Class IIB area is defined as an area of chloride concentration greater than 3000 mg/l or TDS concentration greater than 5000 mg/l. The Class IIB area on the map is located within the Old Bridge Aquifer.


MAP AREA

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