U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
CITY OF PORTLAND BUREAU OF WATER WORKS,
INTERGOVERNMENTAL RESOURCE CENTER, AND
OREGON WATER RESOURCES DEPARTMENT

WATER SUPPLY PAPER 2470–A
Ground–water levels in the Troutdale sandstone aquifer—PLATE 4
McFarland, W.D. and Morgan, D.S., 1996, Description of the ground–water flow system in the Portland basin, Oregon and Washington

Base modified from U.S. Geological Survey
1:100,000 topographic quadrangles, 1978–84.

Hydrogeology modified from Swanson and others, 1993

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1997

MAP SHOWING EXTENT, THICKNESS, AND SPRING 1988 WATER LEVELS FOR THE TROUTDALE SANDSTONE AQUIFER

By
William D. McFarland
1996