

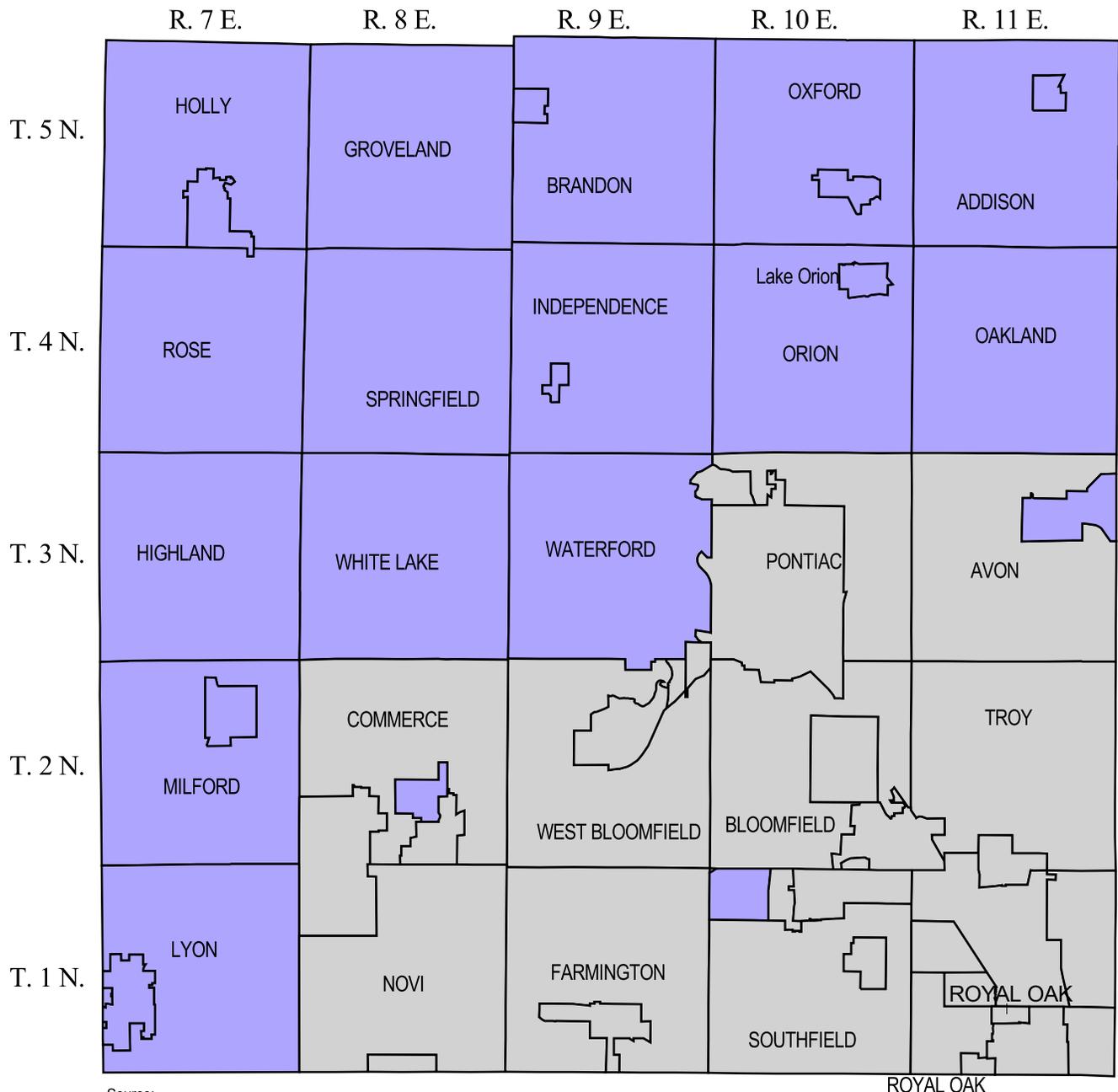
Water Supply

Most of Oakland County is served by public water supplies. These supplies are subject to regulation by Federal, State, and other authorities to ensure the water produced meets public health standards. The Detroit Water and Sewerage Department (DWSD) provides 137 million gallons per day (MGD) of water to the southeastern townships of Avon (Rochester Hills), Pontiac, Troy, Bloomfield, West Bloomfield, Royal Oak, Southfield, Farmington, Novi and Commerce (fig. 2). Several additional mains have been constructed to provide water to adjoining areas. Water provided by DWSD is drawn from Lake Huron and Lake St. Clair, as well as the St. Clair River and Detroit River.

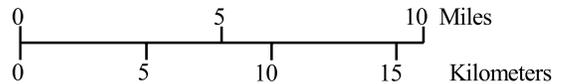
More than 140 smaller community supplies use ground-water resources to provide 21.4 MGD to more than 160,000 residents (C. Luukkonen, USGS, written commun., 1999). The communities served by these supplies range in size from Waterford Township, with a population of more than 70,000 (Southeast Michigan Council of Governments, 1999), to individual subdivisions, with only a few homes. More than 233,000 Oakland County residents are not connected to public water supplies, but obtain water from domestic wells. These withdrawals amount to approximately 16.7 MGD (C. Luukkonen, USGS, written commun., 1999). Domestic wells are not currently monitored by any governmental agency, and are the responsibility of the owner.



Interior of a community water supply pump house in Oakland County, Michigan. Community water supplies like this one provide water to over 160,000 residents.



Source:
Water supply information obtained in consultation with Oakland
County Health Division and local suppliers.



EXPLANATION

- Surface-water supplies
- Ground-water supplies

Figure 2. Principal sources of drinking water, by municipality, in Oakland County, Michigan in 1999. Sources of drinking water for individual structures or uses may vary.