

Wisconsin Geological and Natural History Survey
Miscellaneous Map 51 1999
Groundwater Quality Investigation Maps
of Price County, Wisconsin

A part of the Price County Groundwater Resource Investigation,
a joint project of the Wisconsin Geological and Natural History Survey
and the Price County Board of Supervisors.

Compiled by P.D. Roffers
and K.J. Cates



EXPLANATION

143 total hardness of sampled well, in mg/L

GEOLOGIC MATERIALS CONTRIBUTING WATER TO WELL BY SOURCE OF DATA

FROM WELL CONSTRUCTOR'S REPORT ^a	INFERRED FROM HOMEOWNER INFORMATION OR WELL CONSTRUCTOR'S REPORTS FROM NEARBY WELLS
● sand and/or gravel	● sand and/or gravel
● shallow bedrock	● bedrock
● deep bedrock	⑦ unknown

^aWell Constructor's Report represents the most probable match of a Wisconsin Department of Natural Resources Well Constructor's Report on file at the Wisconsin Geological and Natural History Survey to the water sample on the basis of information provided by the homeowner, the location of the well as reported by the well driller, land ownership information from plat books, and building locations as shown on U.S. Geological Survey 7.5-minute topographic maps.

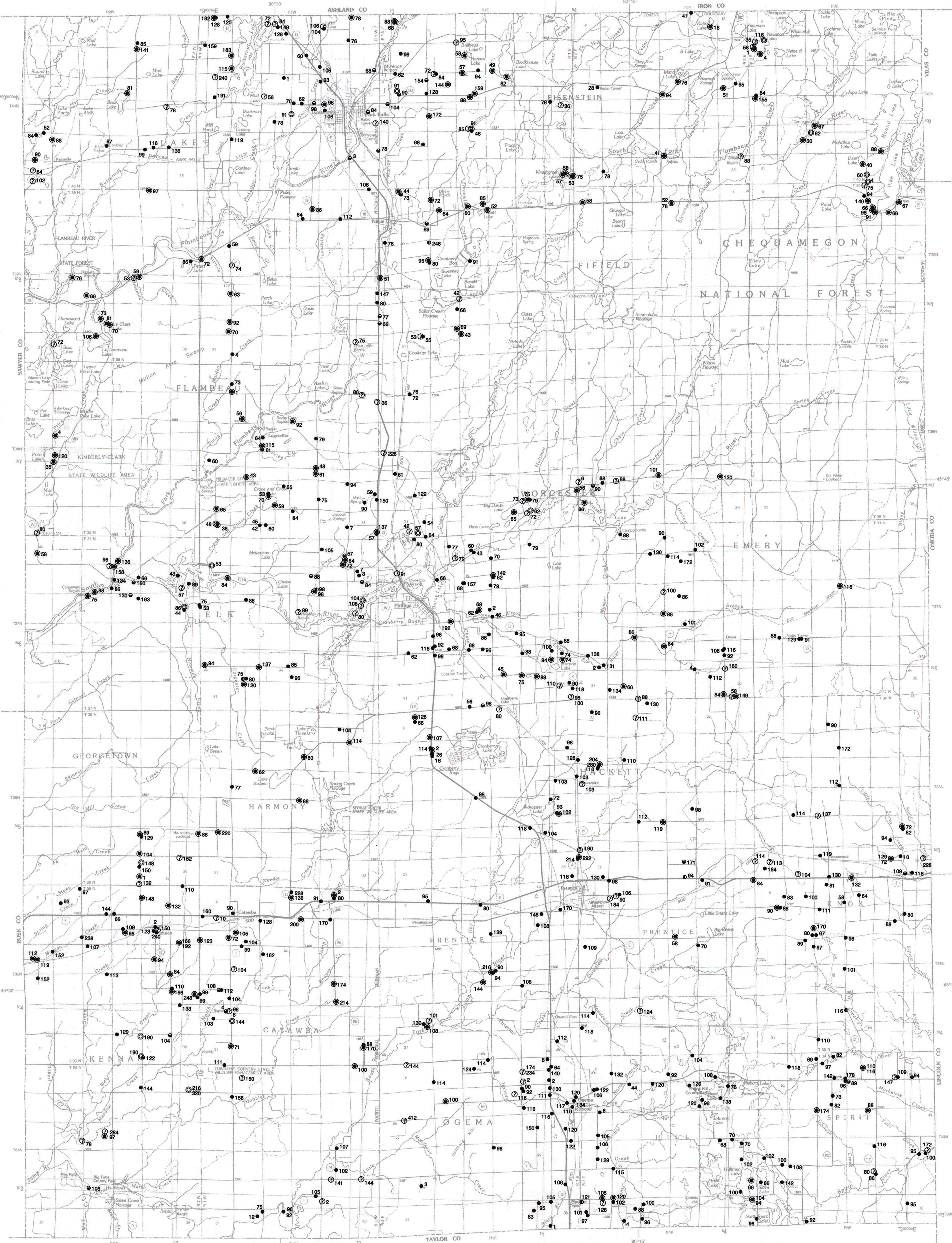
Notes: In areas where sampled wells with the same map symbol are too close together for the symbols to be clearly identified, one symbol is used, and the water-quality results are next to the combined symbol. However, if the map symbols are different, then two slightly separated symbols are shown, and water-quality results are next to each symbol.

Samples were collected June 1992 through December 1993 by S. Herbst, J. Warren, and L. Windmoeller under the supervision of D. Brezinski, and were frozen prior to analysis. Chemical analyses were performed November 1993 through February 1994 by K.L. Lund (Wisconsin Geological and Natural History Survey).

Analytical method used: EDTA titration, using Man Ver 2 Hardness Reagent and a HACH digital titrator.

Reference: HACH Company Digital Titrator Model 16900-01 Methods Manual, 1980, p. 74-81.

Reproducibility: ± 5 mg/L at ≤200 mg/L, detection limit, 2 mg/L (CaCO₃).



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Base map from U.S. Geological Survey County Map Series (Topographic), 1985.

This map is an interpretation of the data available at the time of preparation. Every reasonable effort has been made to ensure that this interpretation conforms to sound scientific and cartographic principles; however, the map should not be used to guide site-specific decisions without verification. Proper use of the map is the sole responsibility of the user.

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Plate 4 Total Hardness in mg/L