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U.S. Geological Survey

Ground-Water Quality Atlas of Oakland County, Michigan

Water-Resources Investigation Report 00-4120

Prepared in cooperation with the
Oakland County Health Division



Ground-Water Quality Atlas of Oakland County, Michigan

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Water-Resources Investigation Report 00-4120

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CONVERSION FACTORS, VERTICAL DATUM, AND ABBREVIATIONS

MULTIPLY	BY	TO OBTAIN
inches (in)	25.4	millimeters (mm)
foot (ft)	0.3048	meters (m)
mile (mi)	1.609	kilometer (km)
cubic foot (ft ³)	0.02832	cubic meter (m ³)
gallon	3.785	liter (L)

Temperature is given in degrees Celsius (°C), which can be converted to degrees Fahrenheit (°F) by the following equation:

$$^{\circ}\text{F} = 32 + (^{\circ}\text{C} * 1.8)$$

Sea level: In this report, “sea level” refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)- a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

milligrams per liter (mg/L) or micrograms per liter (µg/L): Milligrams per liter is a unit expressing the concentration of chemical constituents in solution as weight (milligrams) of solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one milligram per liter. For concentrations less than 7,000 mg/L, the numerical value is the same as for concentrations in parts per million.

ABBREVIATIONS (in addition to those above)

DO, concentration of dissolved oxygen

SC, specific conductance

DS, dissolved solids

MRL, minimum reporting level

MCL, maximum contaminant level

SMCL, secondary maximum contaminant level

µS, microsiemens

cm, centimeter

µg, microgram

mm, millimeter

mg, milligram

L, liter

mV, millivolts

eH, oxidation-reduction potential in mV

pH, negative logarithm of the concentrations of hydrogen ions