EXPLANATION

HYDROGEN SULFIDE AREA—Areas where detectable concentrations of hydrogen sulfide commonly occur.

HYDROCHEMICAL BOUNDARY—Separates general areas of selected hydrochemical features noted on map.

MONOCORE ZONE—Approximate location of Lucas County monocline, eastern edge.

WATER QUALITY DATA

NAD+—Dissolved sodium concentration, in milligrams per liter.

NH4+—Dissolved ammonium concentration, in milligrams per liter.

O2—Dissolved oxygen concentration, in milligrams per liter.

Surface, dissolved concentration, in milligrams per liter.

SPRINGS

WELL, MAINTAINED BY U.S. GEOLOGICAL SURVEY

WELL, WITH AVAILABLE WATER-QUALITY DATA (Not monitored by U.S. Geological Survey)

QUARRY

SELECTED WATER-QUALITY AND HYDROCHEMICAL CONDITIONS FOR THE CARBONATE AQUIFER, NORTHERN LUCAS COUNTY, OHIO