UTAH GEOLOGICAL SURVEY
a division of
Utah Department of Natural Resources

PLATE 2
GROUND-WATER QUALITY CLASSIFICATION FOR THE BASIN-FILL AQUIFER, EAST SHORE AREA, DAVIS COUNTY, UTAH

By
Janae Wallace, Paul Inkenbrandt, and Mike Lowe,
Utah Geological Survey

2011

LOCATION OF STUDY AREA

EXPLANATION

Data source

- Utah Division of Drinking Water
- Utah Geological Survey
- U.S. Geological Survey
- Ground water flow direction (from Clark and others, 1990)
- Population center
- Perfected water well*
- Davis County line
- Water course
- Great Salt Lake

Ground-water quality classification

- Class IA - Pristine (TDS: < 500 mg/L)
- Class II - Drinking water quality (TDS: 500 - 3000 mg/L)
- Bedrock (not classified)

* number indicates site ID listed in appendix A
* all valid wells listed in the Utah Division of Water Rights database

N

0 1 2 3 4 Miles
0 1 2 3 4 Kilometers

1:50,000

Although this product represents the work of professional scientists, the Utah Department of Natural Resources, Utah Geological Survey, makes no warranty, expressed or implied, regarding its suitability for a particular use. The Utah Department of Natural Resources, Utah Geological Survey, shall not be liable under any circumstances for any direct, indirect, special, incidental, or consequential damages with respect to claims by users of this product.

This map was created from Geographic Information System (GIS) files.
Basemap constructed from features obtained from the Utah Automated Geographic Reference Center (http://agrc.utah.gov/).
Projection: Universal Transverse Mercator
Datum: North American 1983 Zone 12 N
Spheroid: Clarke 1866
Cartography by Paul Inkenbrandt