

**Hydrogeology, Groundwater Chemistry
and Land Uses
in the
Lower Umatilla Basin Groundwater
Management Area**

*Northern Morrow and Umatilla Counties
Oregon*

(Final Review Draft)

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Well Identification and Location Systems

Wells are identified in this report by the well log ID assigned by the Water Resources Department. The ID consists of the first four letters of the county and a six-digit sequentially number. Wells with more than one well log were assigned the ID of the earliest well log of record. Wells without well logs on file are designated by the letters LUB (Lower Umatilla Basin).

Wells sampled by the Department of Environmental Quality are also identified by a three-character project code (UMA) and a sequential number. Cross references are made in the appendices of this report.

Well locations in this report are based on the rectangular system used for the subdivision of public land. Each location is designated by listing land tracts of descending size as shown in Figure 4.1. For example, the well location 4N/28E-20aab indicates a well located within township 4 north, range 28 east (36 square miles), section 20 (1 square mile). The first letter following the section (a) represents the quarter section (160 acres), the second letter (a) the quarter-quarter section (40 acres), and the third letter (b) the quarter-quarter-quarter section (10 acres).

Locations of geographic features are also based on the public land survey system but, following convention, are designated by land tracts of increasing size. For example, the notation NW/NE/NE 20-4N/28E indicates a feature located in the northwest quarter (10 acres) of the northeast quarter (40 acres) of the northeast quarter (160 acres) of section 20 in township 4 north, range 28 east.

