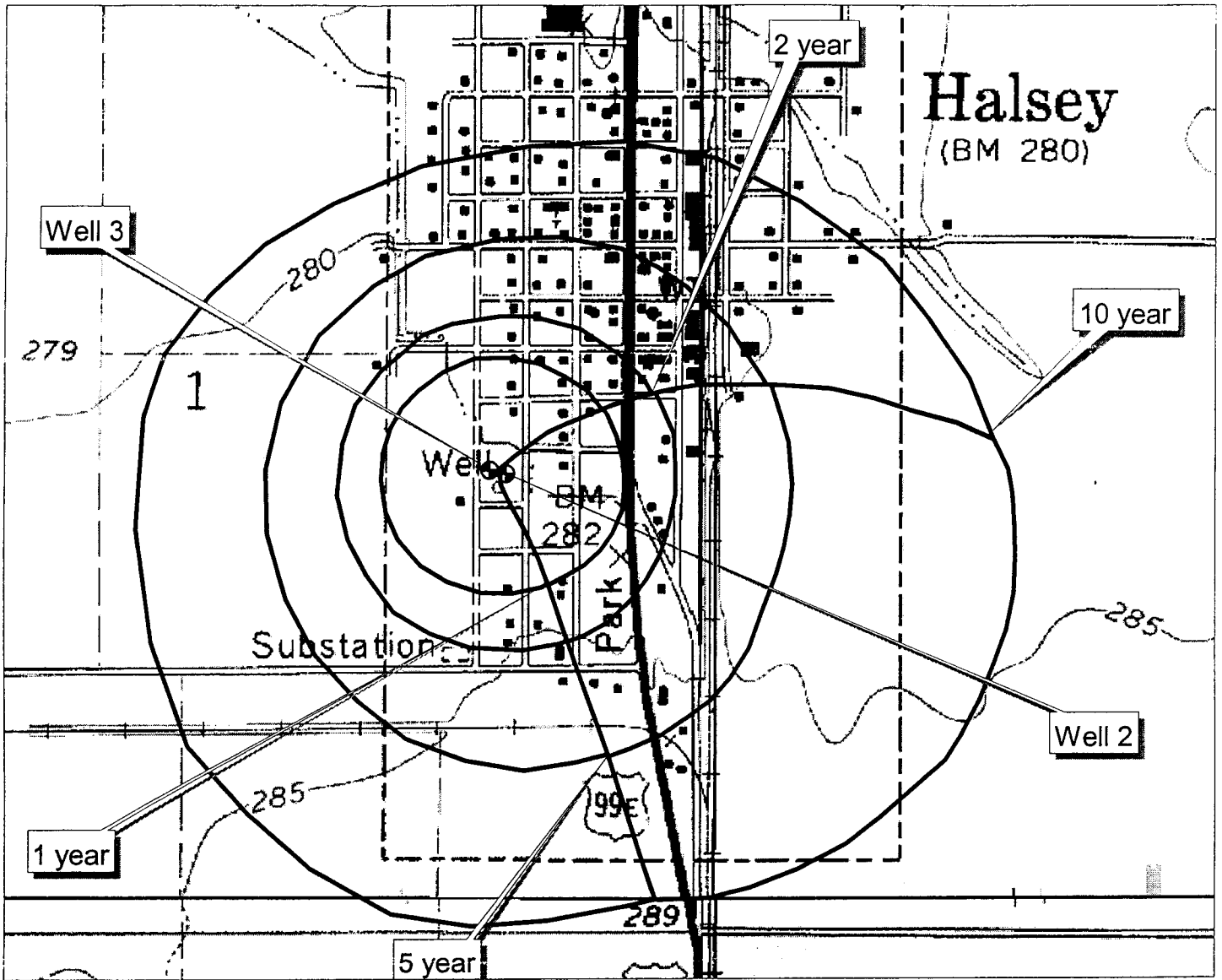


City of Halsey Drinking Water Well Locations



900 0 900 1800 Feet

Scale 1:10,000

Drinking Water Protection Areas with the 1-, 2-, 5- and 10-year time-of-travel for groundwater to move through the aquifer to the wells shown.
 Delineation Areas (mi²): Well 3 = 0.34 Well 2 = 0.11
 Model Used: RESSQC 2-D Analytical
 Model Parameters:
 Hydraulic Conductivity: 24 ft/day
 Thickness of Water-Bearing Zone: 29 ft
 Groundwater flow directions: N15W to N65W
 Hydraulic Gradient: 0.0015 to 0.003
 Pumping Rates: Well 2: 25 gpm; Well 3: 102 gpm
 Aquifer Character: confined
 Aquifer Name: Sand and Gravel of the Willamette Aquifer

Well Locations:

Well 3: 44° 22' 50.948" N 123° 06' 45.094" W
 Well 2: 44° 22' 50.763" N 123° 06' 43.934" W
 Datum: WGS 1984
 T 14 S R 4 W Section 1
 USGS Halsey 7.5 minute topographic quadrangle
 Linn County



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WATER RESOURCES DEPT.
SALEM, OREGON

Prepared by:
 Dennis Nelson, RG1224
 DHS Drinking Water Program
 February 10, 2003
 PWS# 4100364

*app No G-15932
 Permit No G-15551*