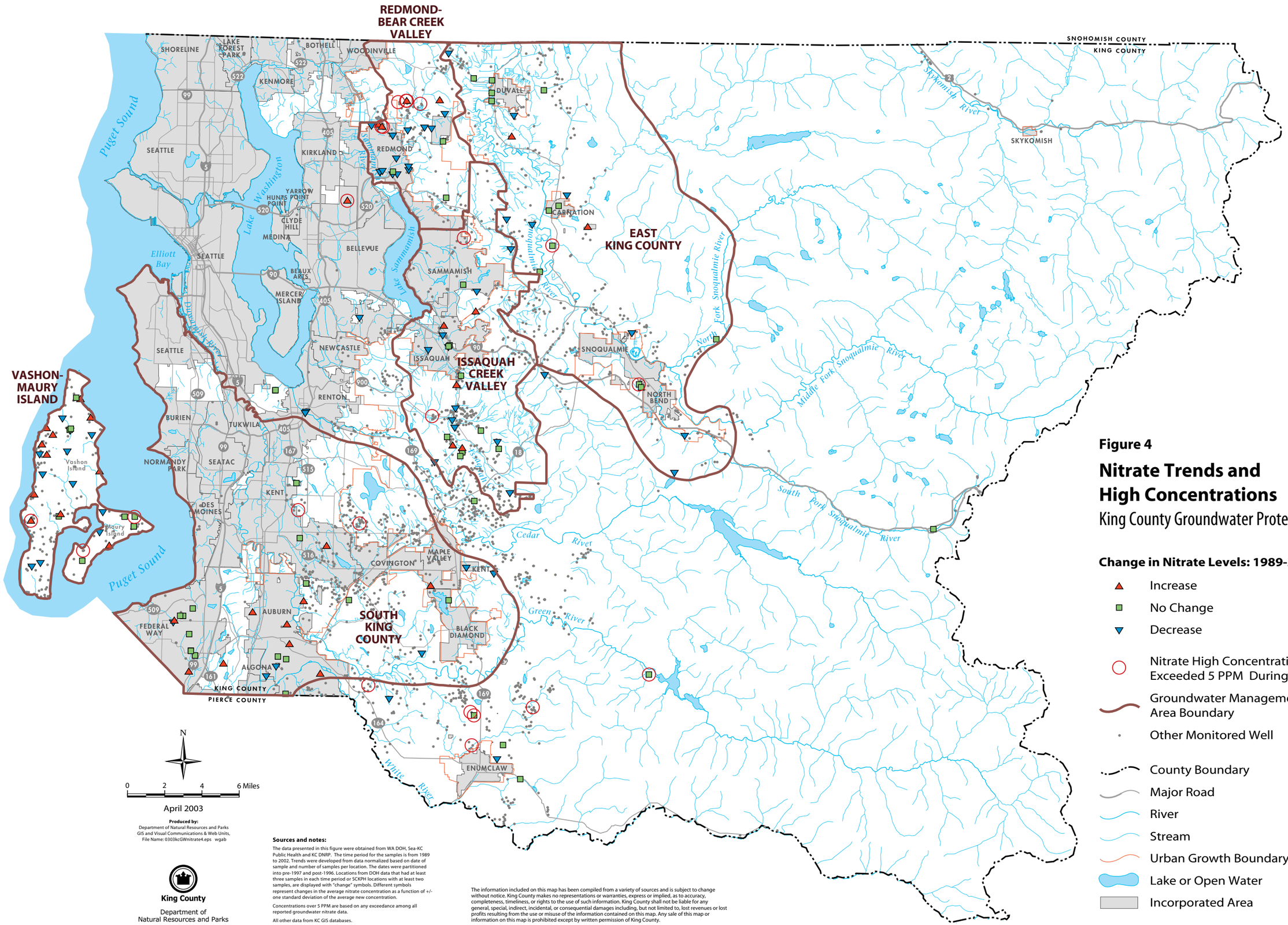

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Department of
Natural Resources and Parks

Sources and notes:

The data presented in this figure were obtained from WA DOH, Sea-KC Public Health and KC DNRP. The time period for the samples is from 1989 to 2002. Trends were developed from data normalized based on date of sample and number of samples per location. The dates were partitioned into pre-1997 and post-1996. Locations from DOH data that had at least three samples in each time period or SCKPH locations with at least two samples, are displayed with "change" symbols. Different symbols represent changes in the average nitrate concentration as a function of +/- one standard deviation of the average new concentration.

Concentrations over 5 PPM are based on any exceedance among all reported groundwater nitrate data.

All other data from KC GIS databases.

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Figure 4

Nitrate Trends and High Concentrations

King County Groundwater Protection Program

Change in Nitrate Levels: 1989-2002

- Increase
- No Change
- Decrease
- Nitrate High Concentration Location Has Exceeded 5 PPM During Monitoring Period
- Groundwater Management Area Boundary
- Other Monitored Well
- County Boundary
- Major Road
- River
- Stream
- Urban Growth Boundary
- Lake or Open Water
- Incorporated Area