Appendix F

Time Trend Plots for Detectable Constituents in Groundwater

The figures in this appendix show the concentrations of various groundwater constituents relative to a baseline concentration, and are in a form required by the NMED and the HWFP. Baseline concentrations were measured from 1995 through 2000. These plots indicate the maximum and minimum measurements, shown as whiskers, the 25th and 75th percentiles, shown as a box, and the median by a square point marker. Sampling round 12 occurred in March through May 2001 and sampling round 13 occurred in September through November 2001. See Chapter 6 for specific concentration information on the groundwater wells.

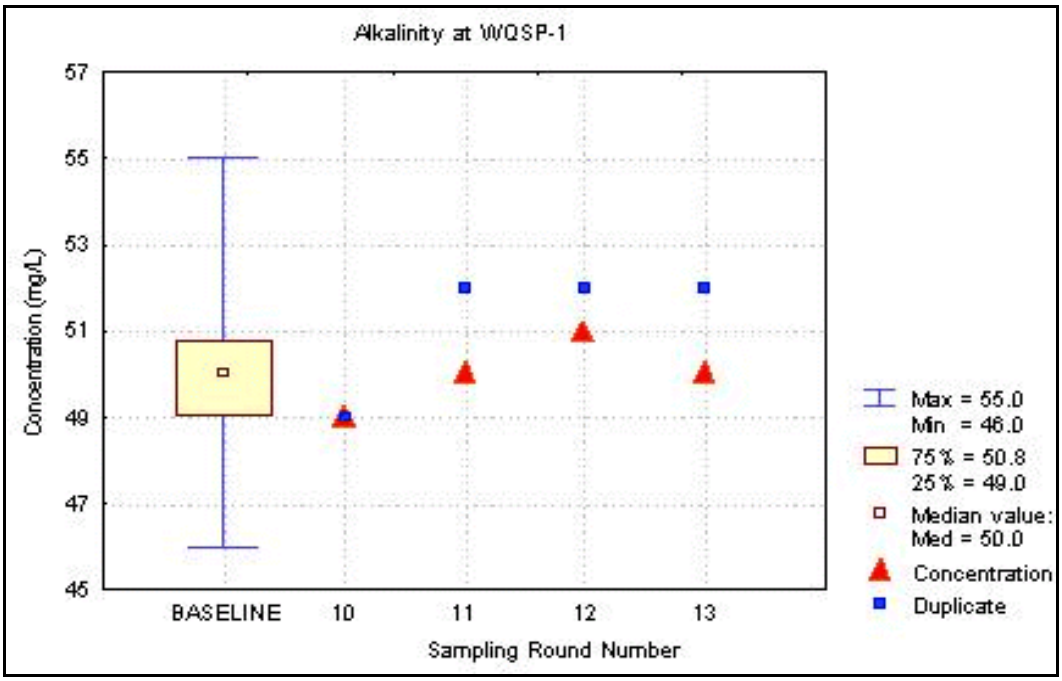

Figure F.1 - Time Trend Plot for Alkalinity at WQSP-1

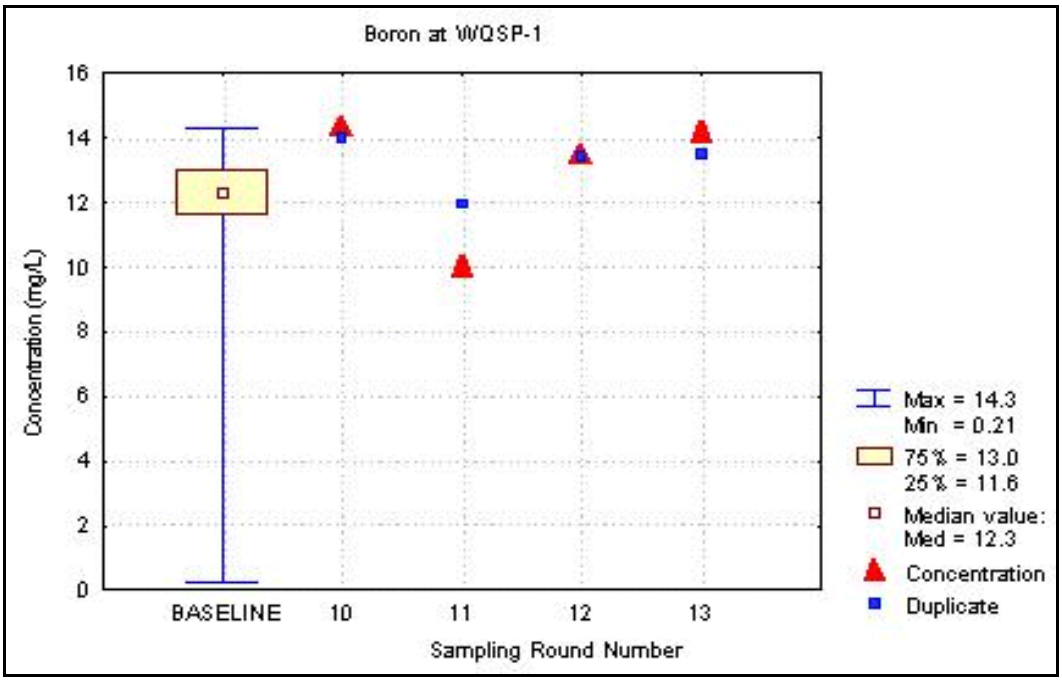

Figure F.2 - Time Trend Plot for Boron at WQSP-1

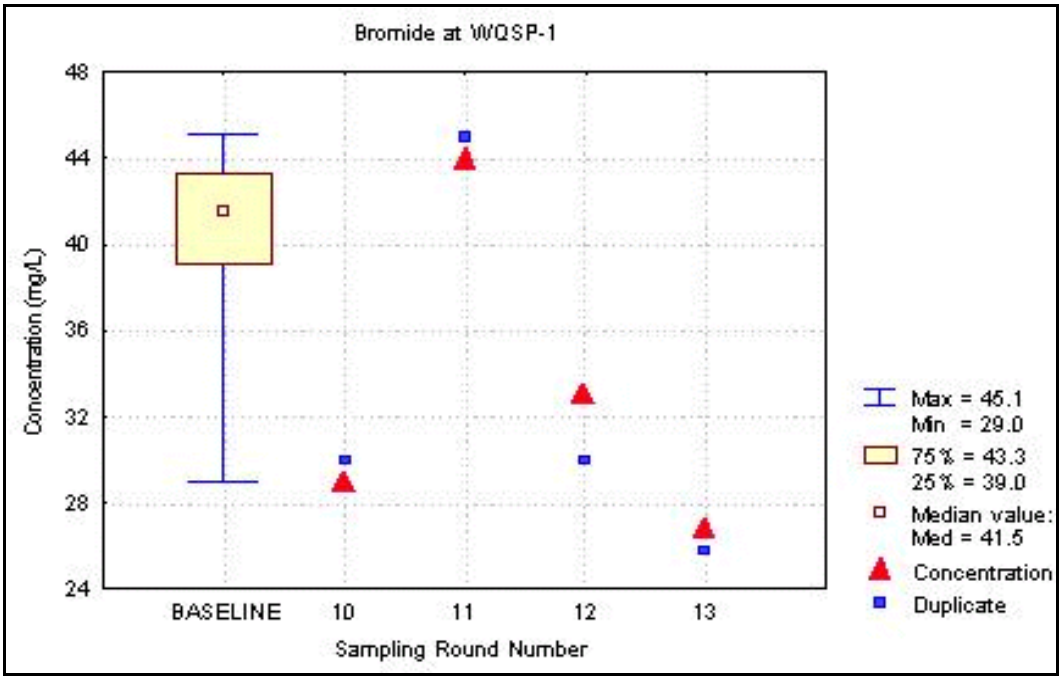

Figure F.3 - Time Trend Plot for Bromide at WQSP-1

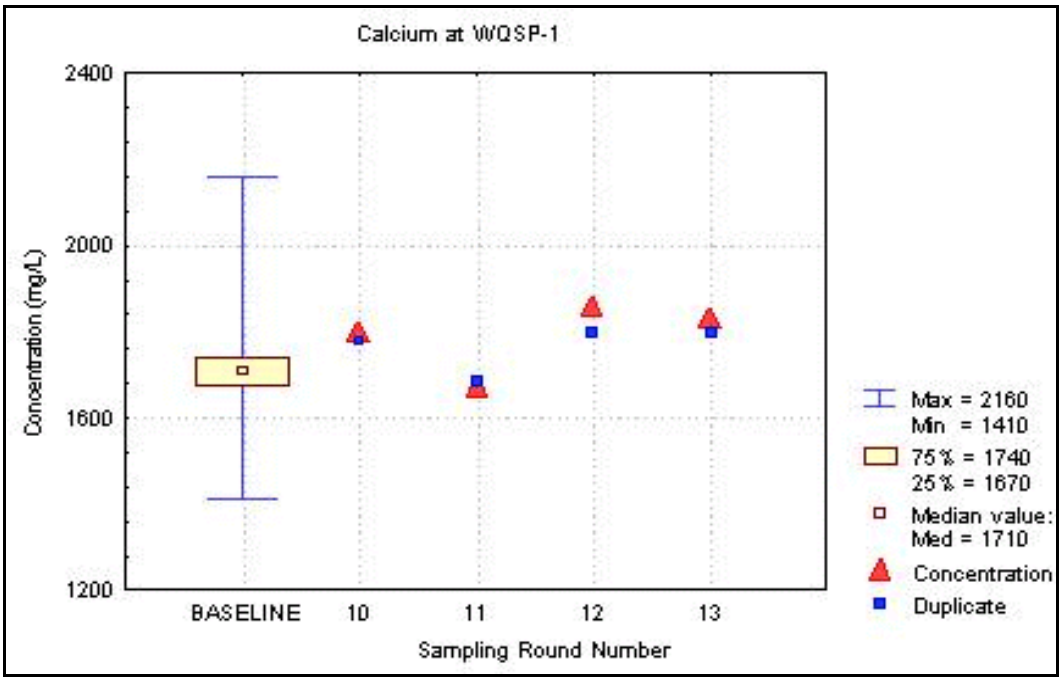

Figure F.4 - Time Trend Plot for Calcium at WQSP-1

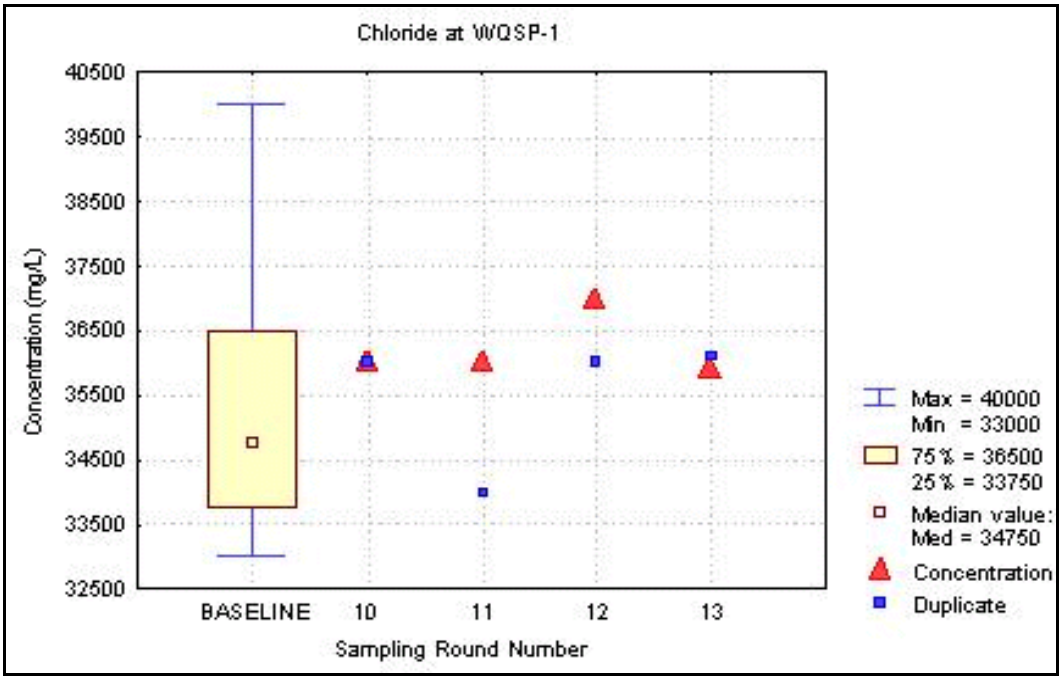

Figure F.5 - Time Trend Plot for Chloride at WQSP-1

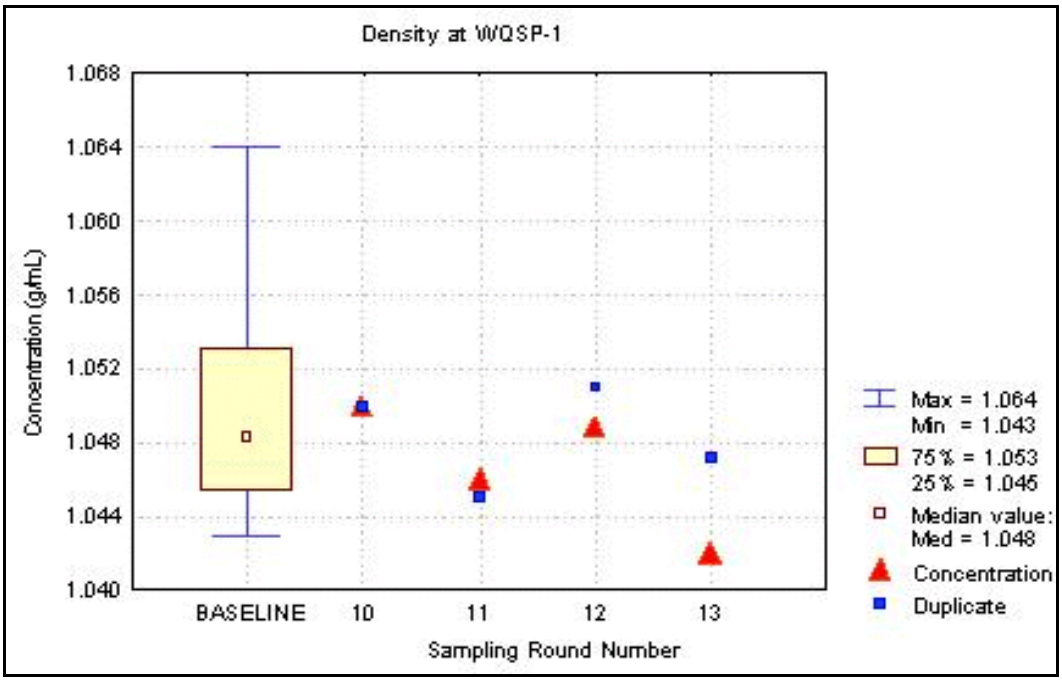

Figure F.6 - Time Trend Plot for Density at WQSP-1

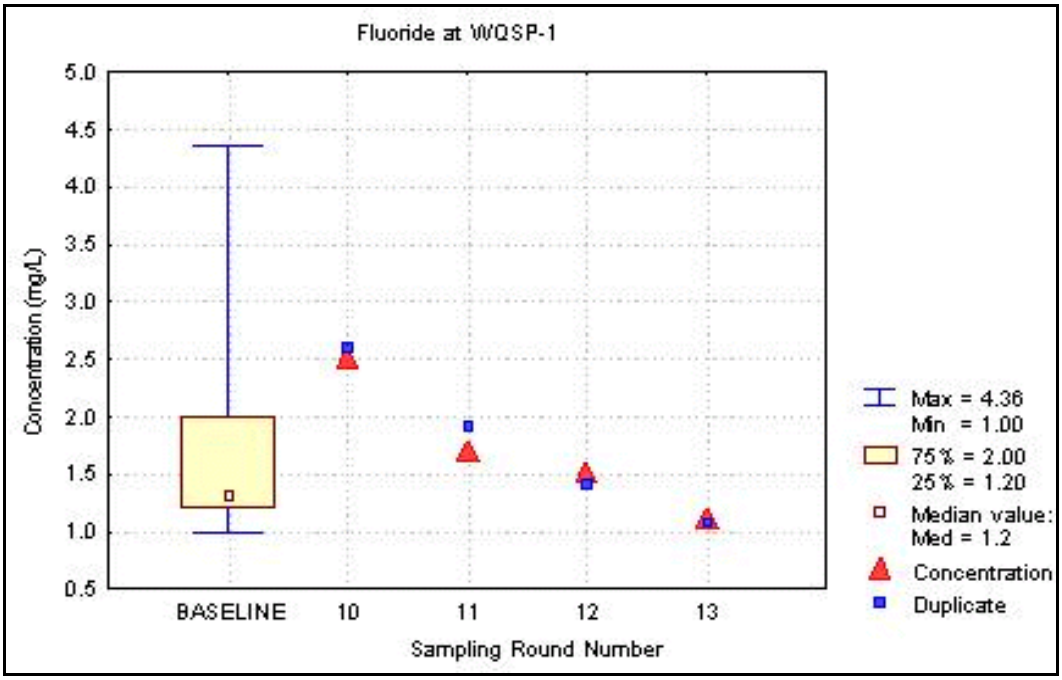

Figure F.7 - Time Trend Plot for Fluoride at WQSP-1

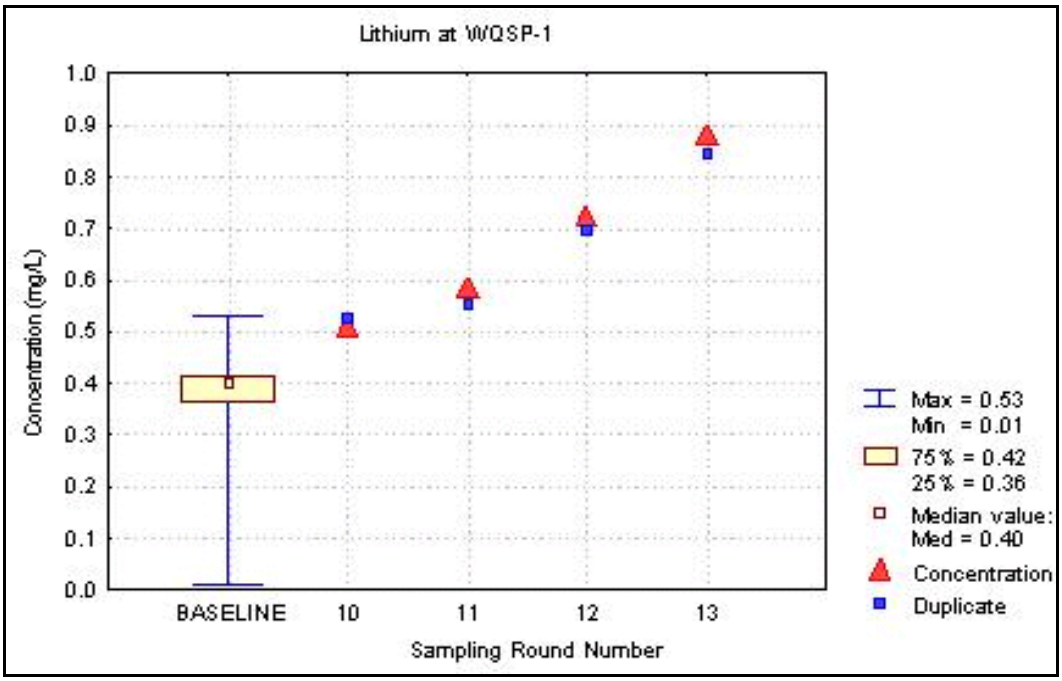

Figure F.8 - Time Trend Plot for Lithium at WQSP-1

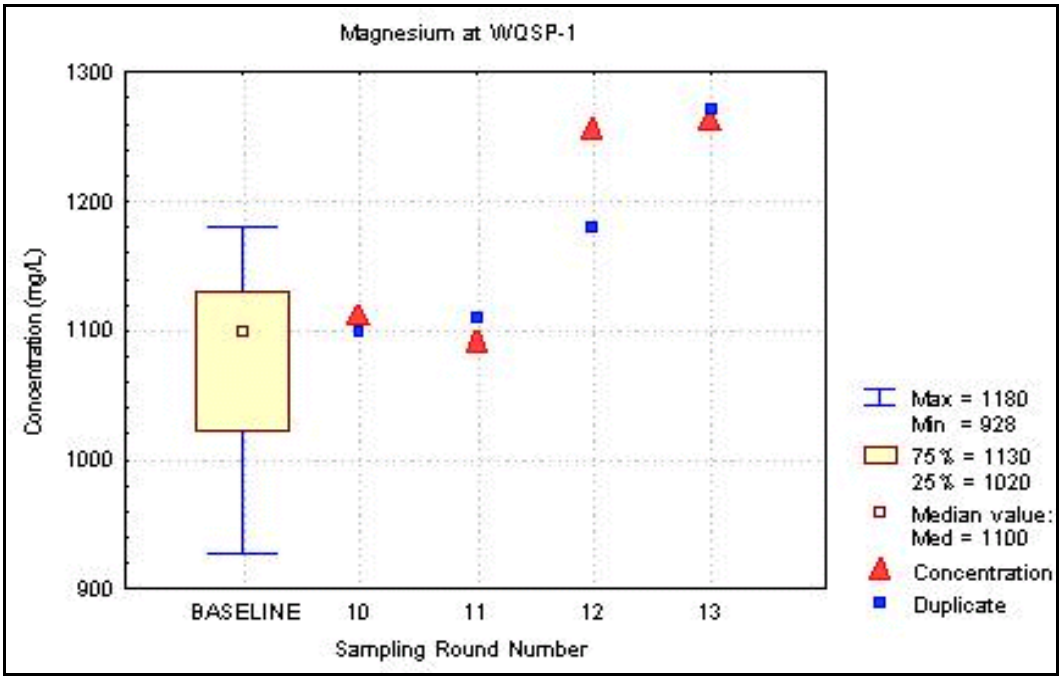

Figure F.9 - Time Trend Plot for Magnesium at WQSP-1

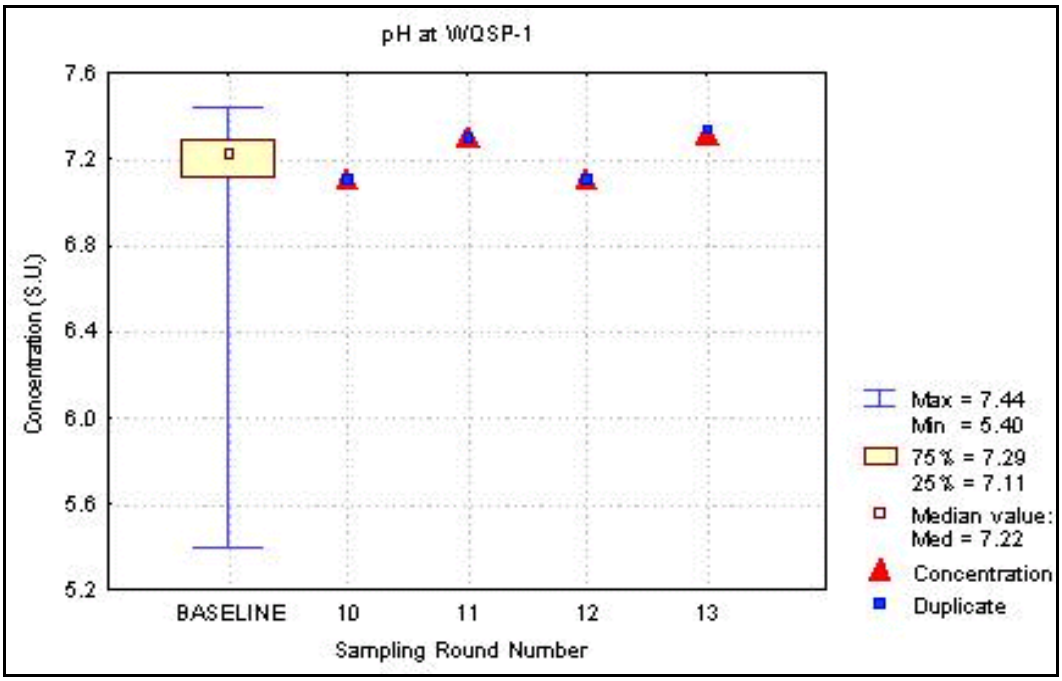

Figure F.10 - Time Trend Plot for pH at WQSP-1

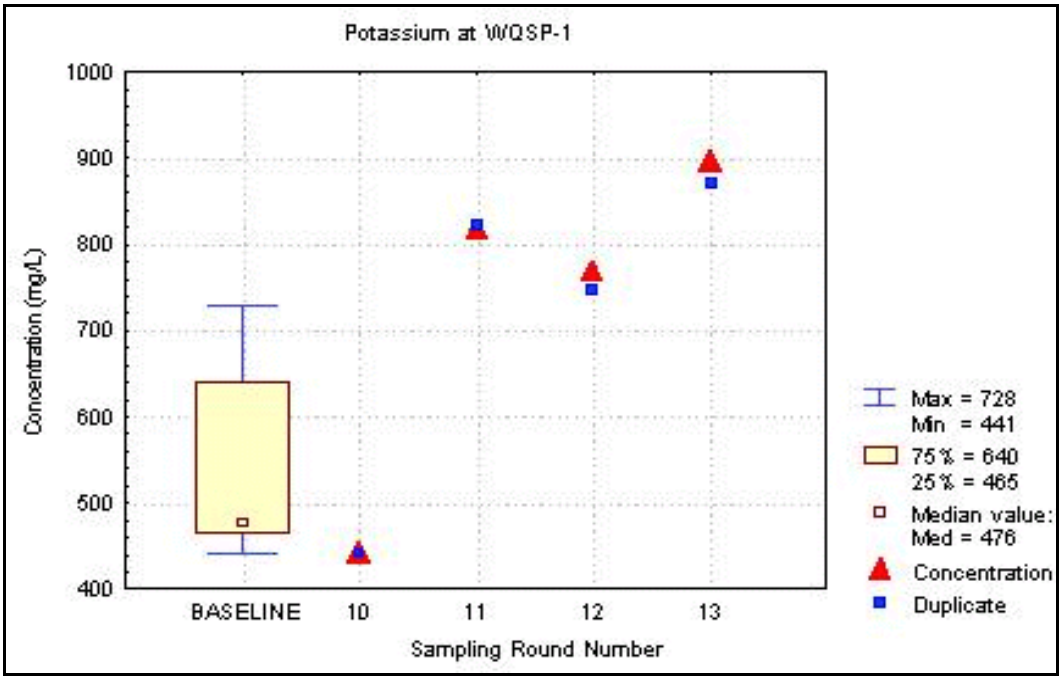

Figure F.11 - Time Trend Plot for Potassium at WQSP-1

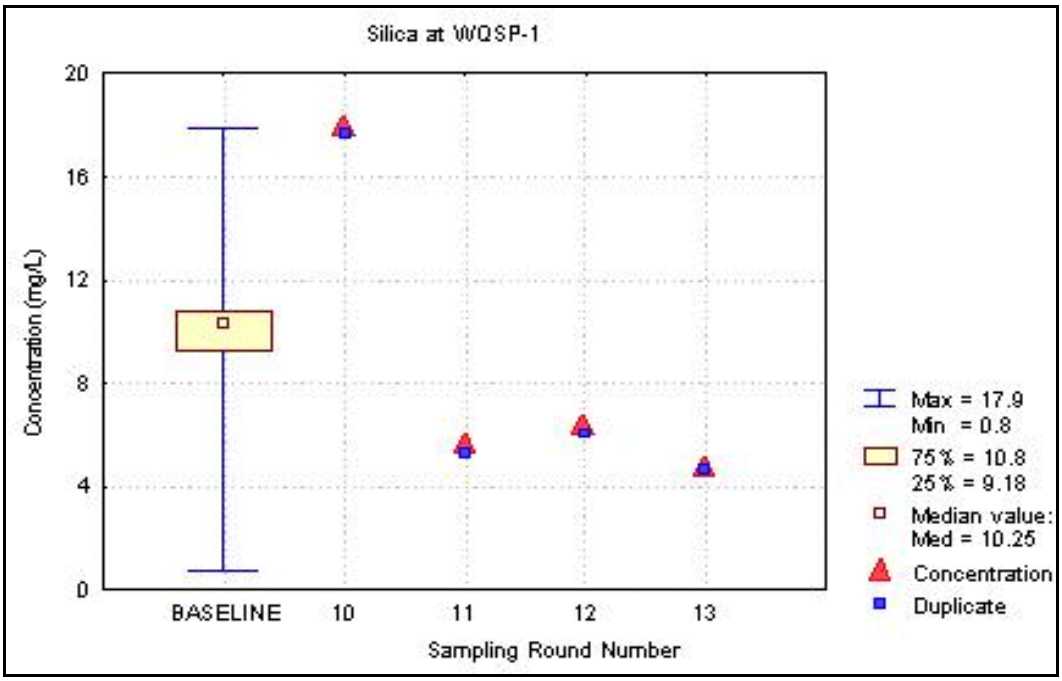

Figure F.12 - Time Trend Plot for Silica at WQSP-1

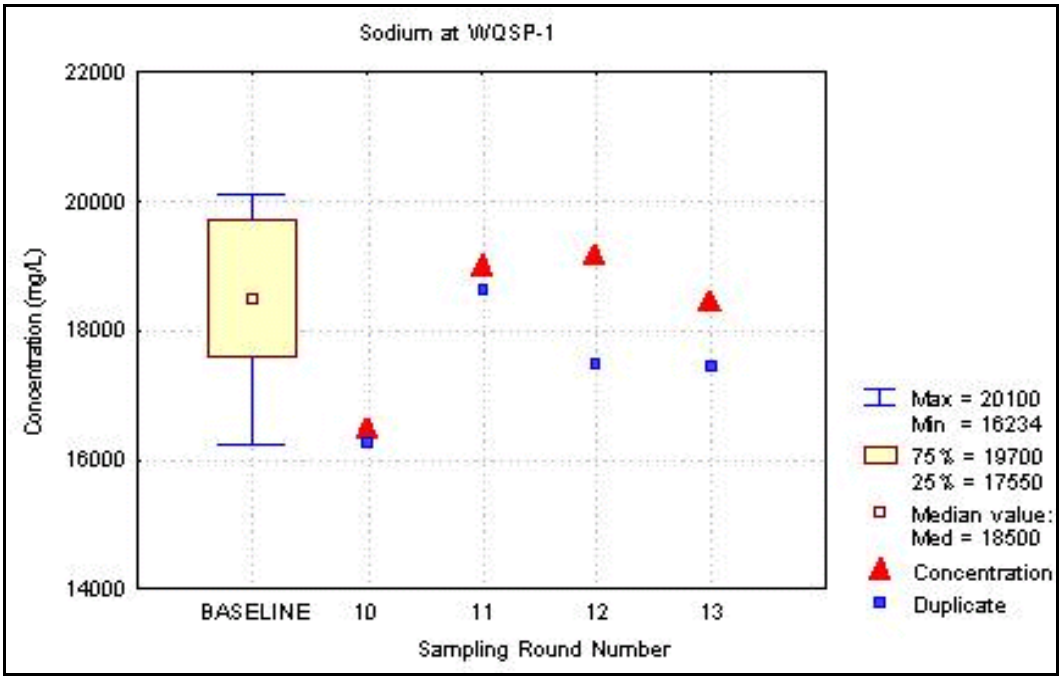

Figure F.13 - Time Trend Plot for Sodium at WQSP-1

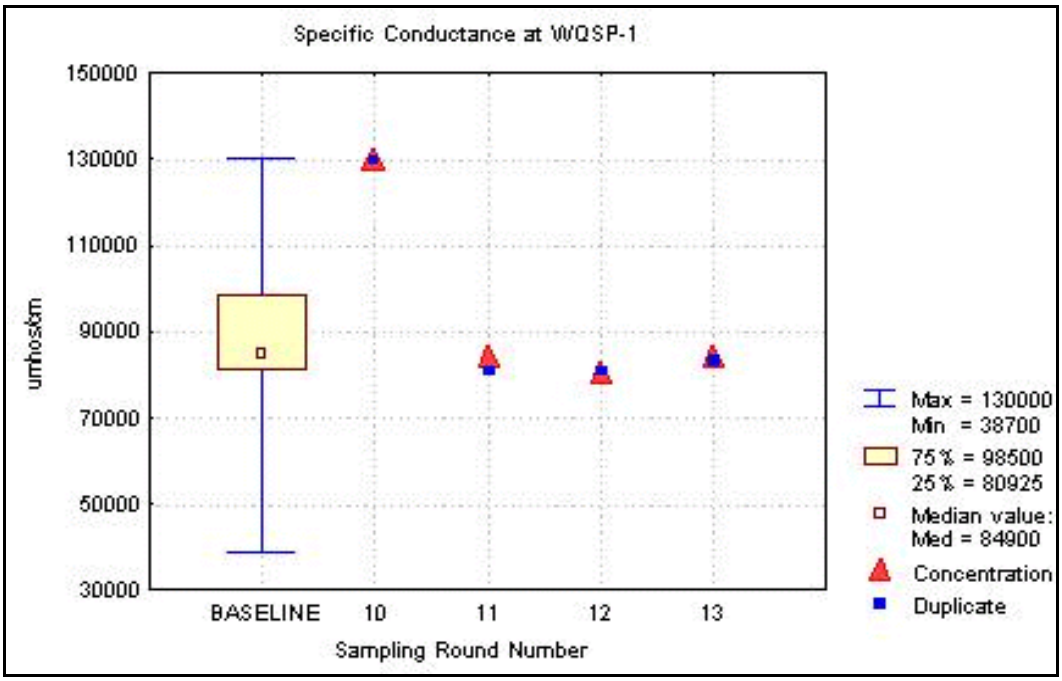

Figure F.14 - Time Trend Plot for Specific Conductance at WQSP-1

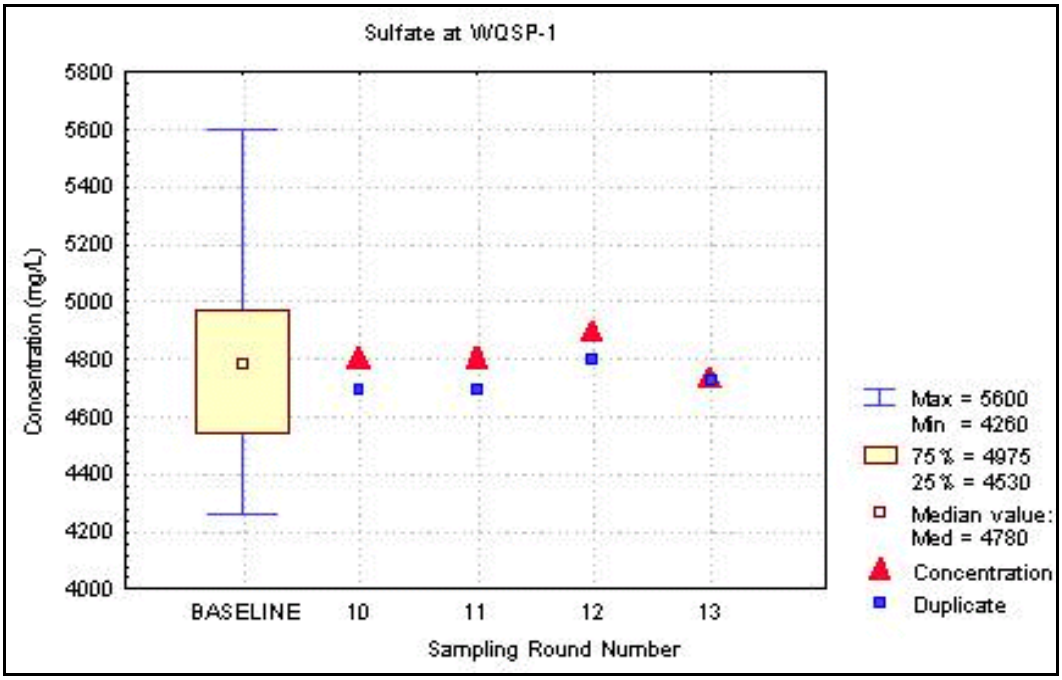

Figure F.15 - Time Trend Plot for Sulfate at WQSP-1

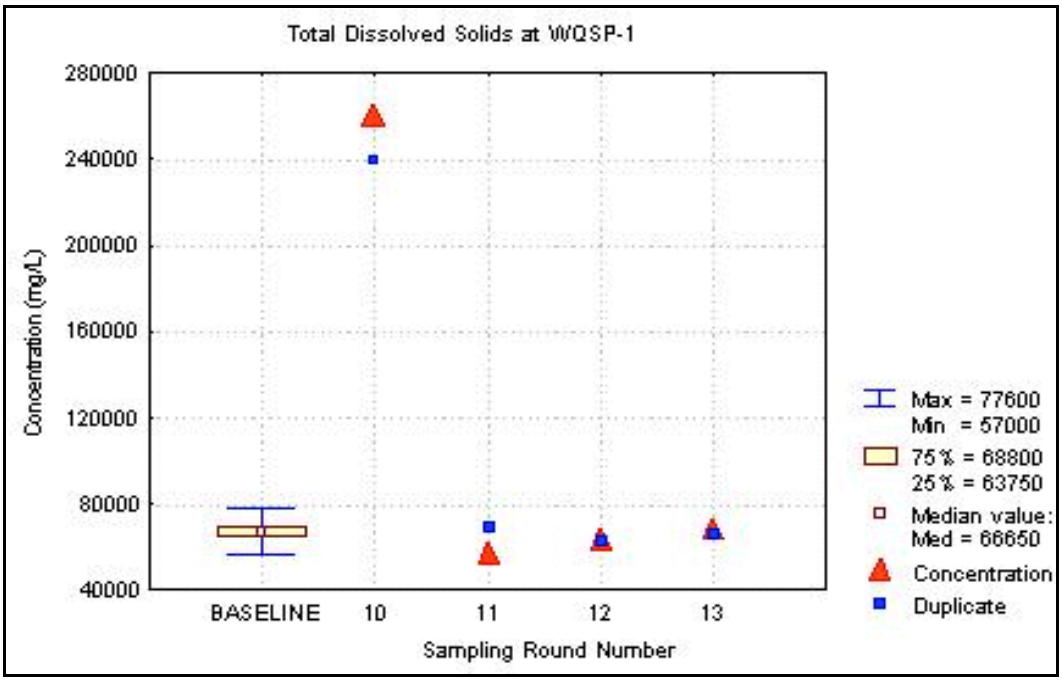

Figure F.16 - Time Trend Plot for Total Dissolved Solids at WQSP-1

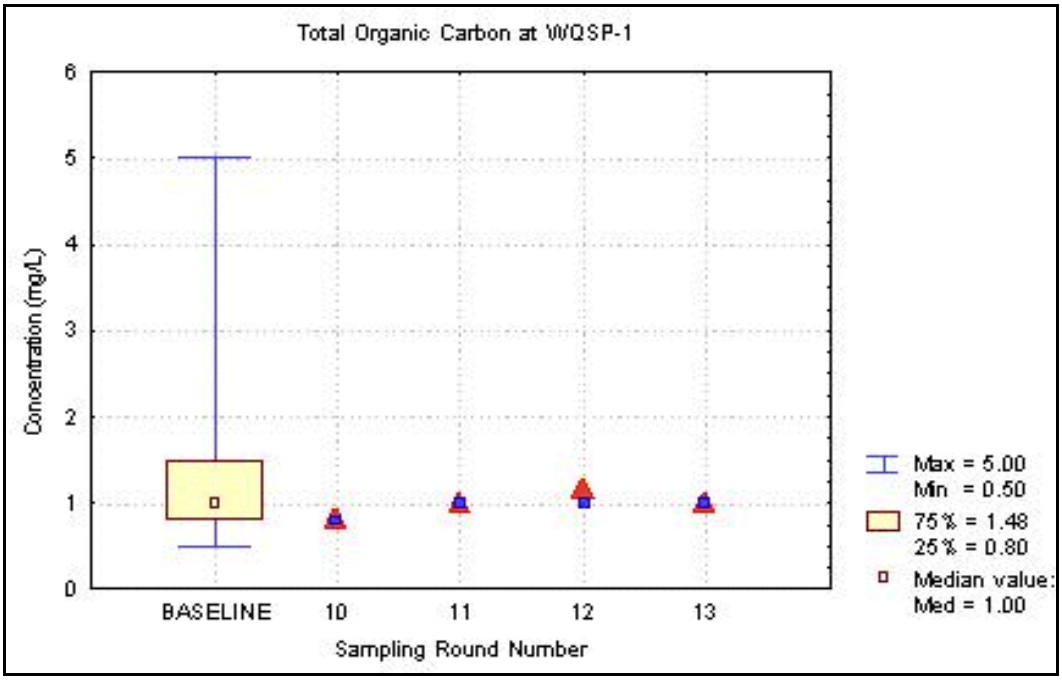

Figure F.17 - Time Trend Plot for Total Organic Carbon at WQSP-1

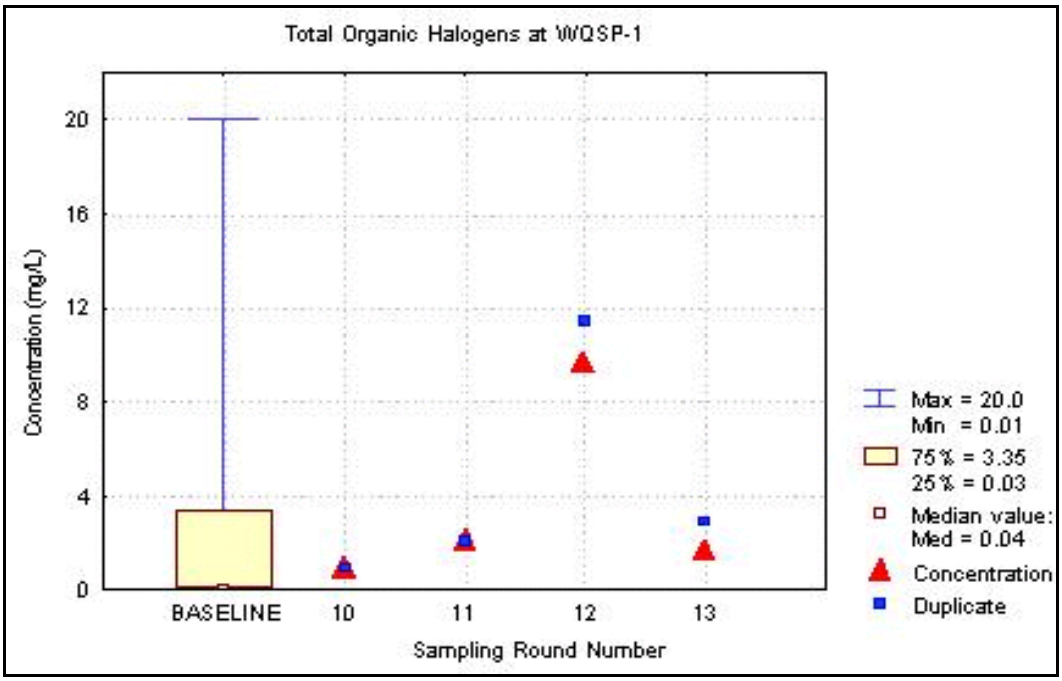

Figure F.18 - Time Trend Plot for Total Organic Halogens at WQSP-1

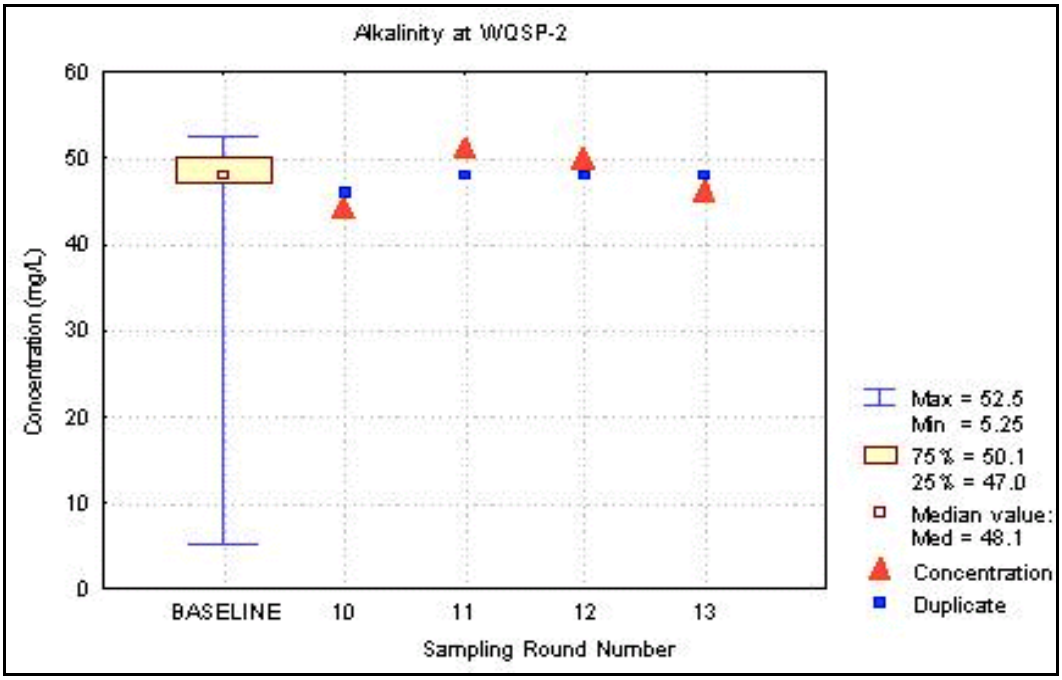

Figure F.19 - Time Trend Plot for Alkalinity at WQSP-2