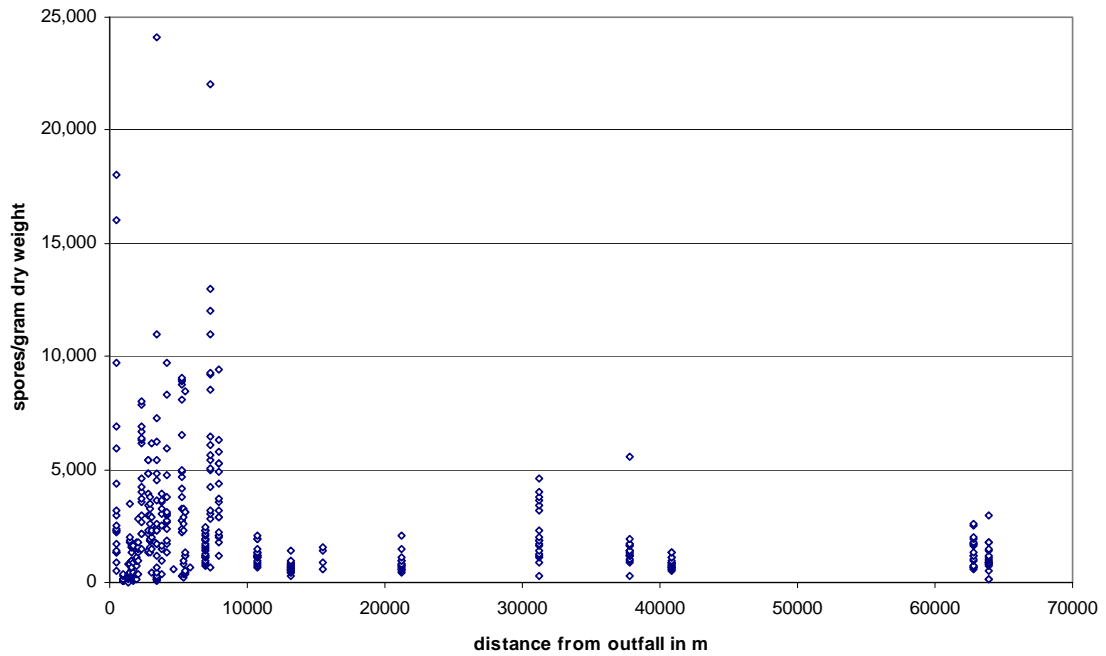


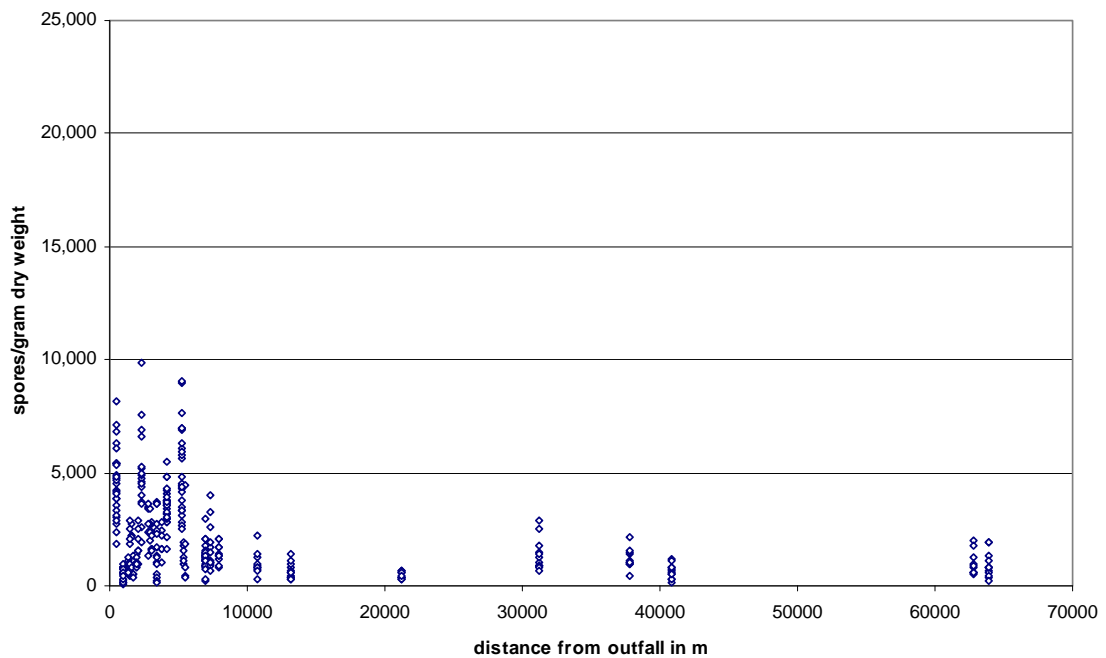
Plots of sediment contaminant data from MWRA's Ambient
Monitoring program
1992-2008

Plots of selected parameters versus distance from outfall

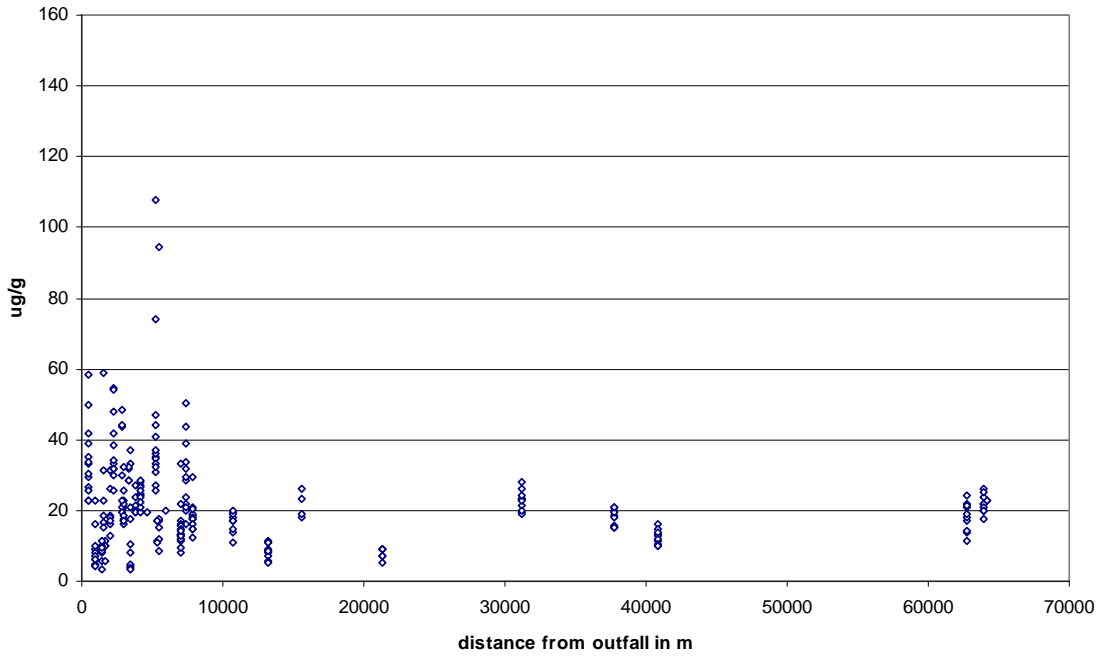
Clostridium perfringens, Baseline 1992-2000



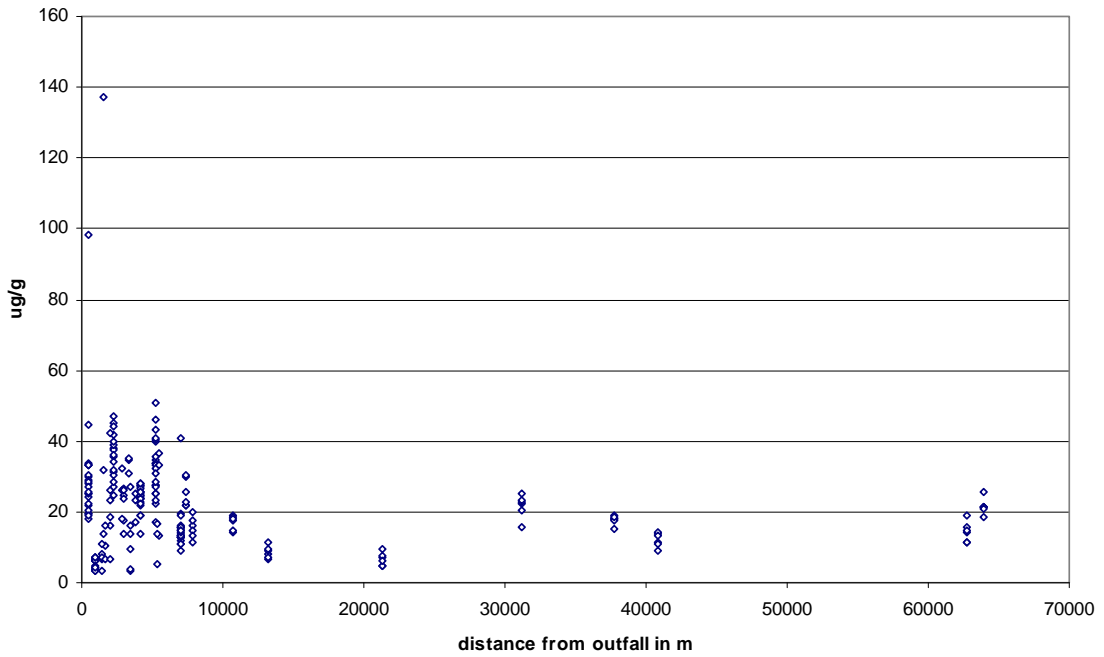
Clostridium perfringens, discharge 2001-2008



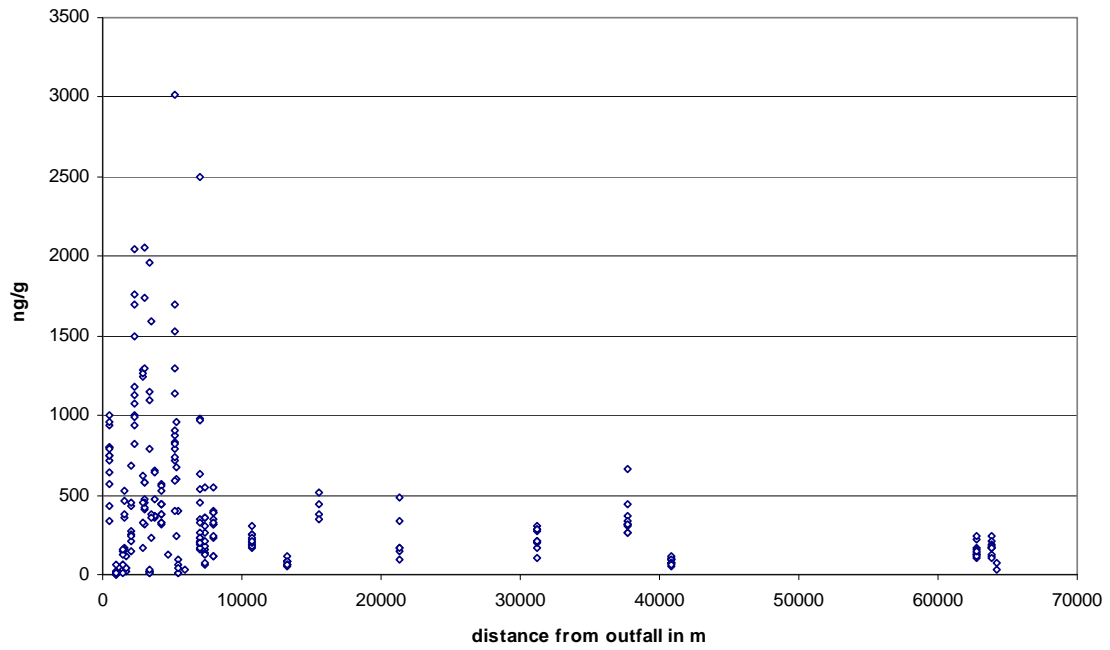
Copper, Baseline 1992-2000



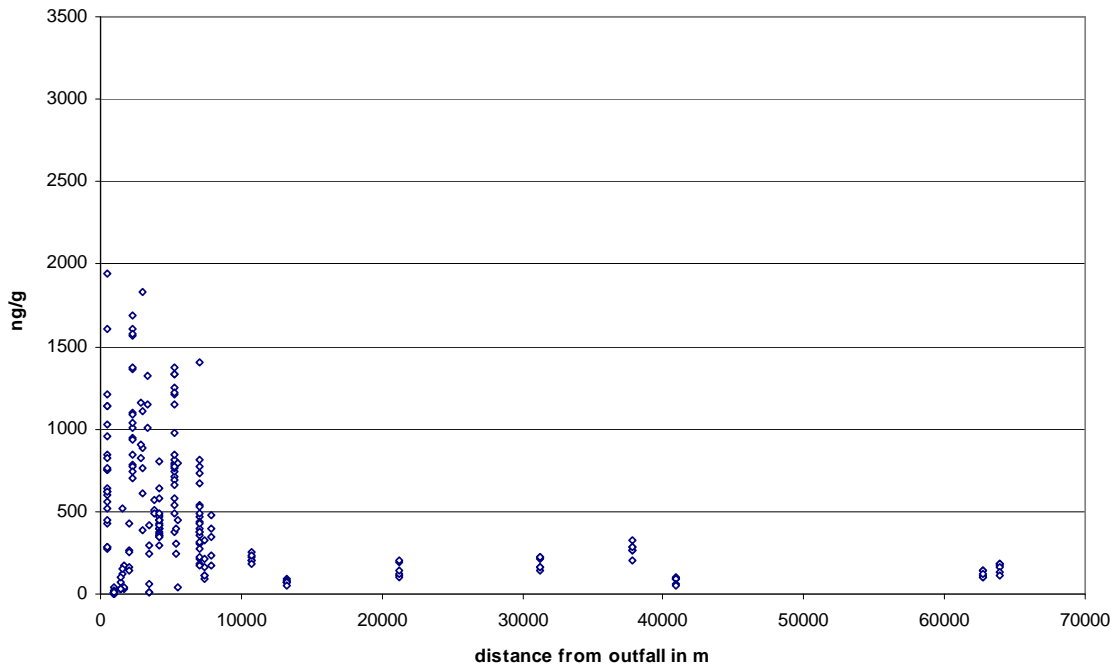
Copper, discharge 2001-2008



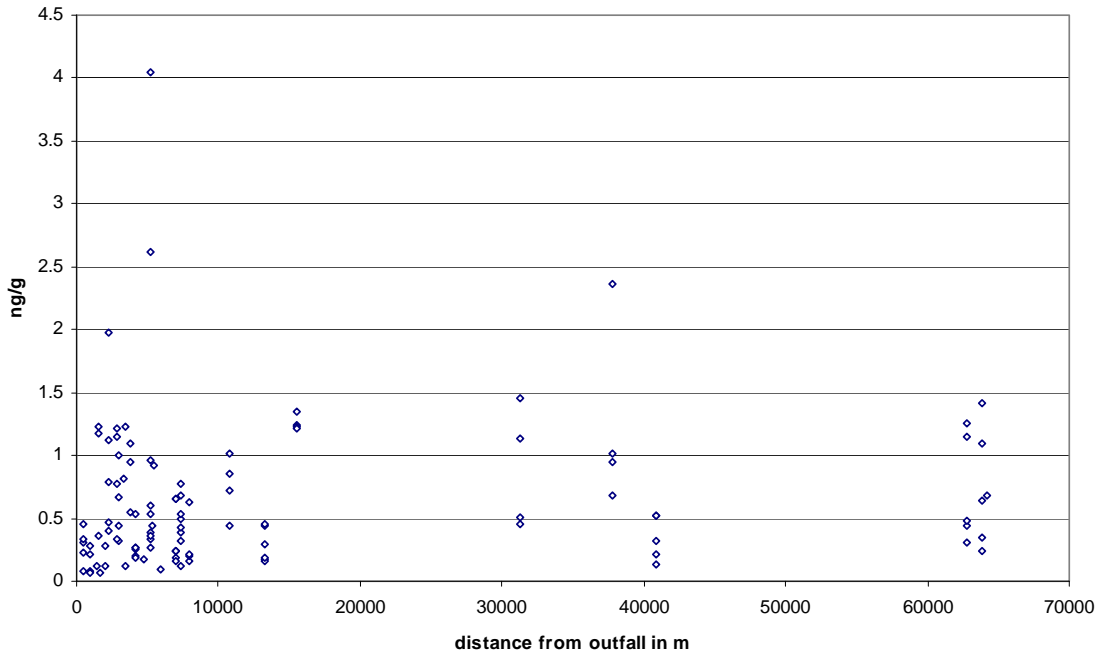
pyrene, Baseline 1992-2000



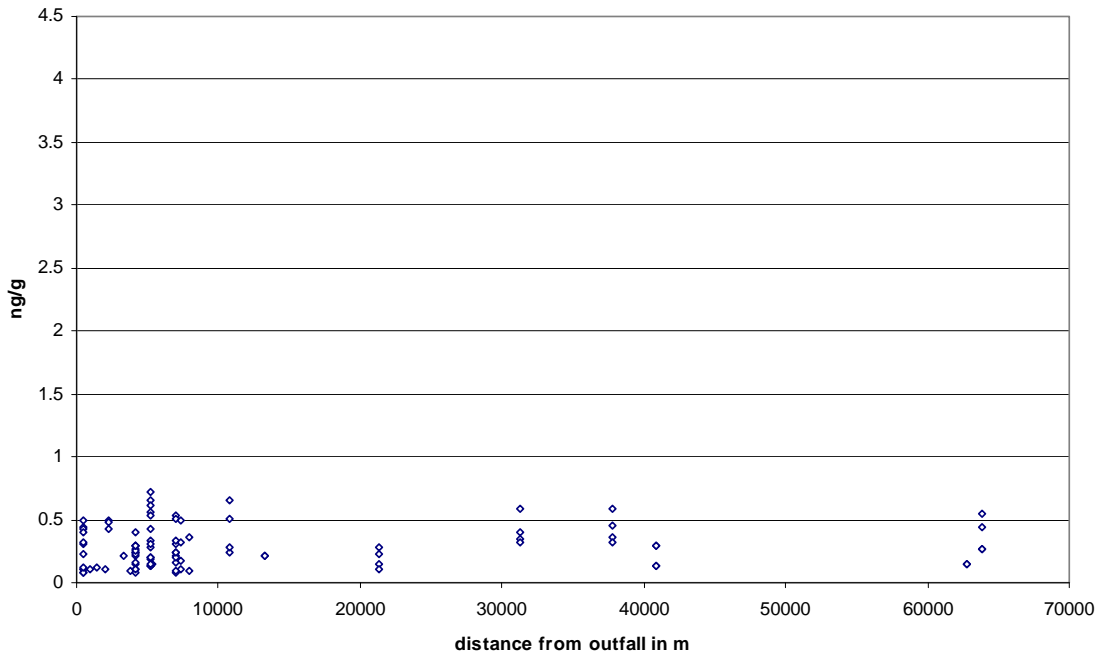
pyrene, discharge 2001-2008



Dieldrin, Baseline 1992-2000



Dieldrin, discharge 2001-2008

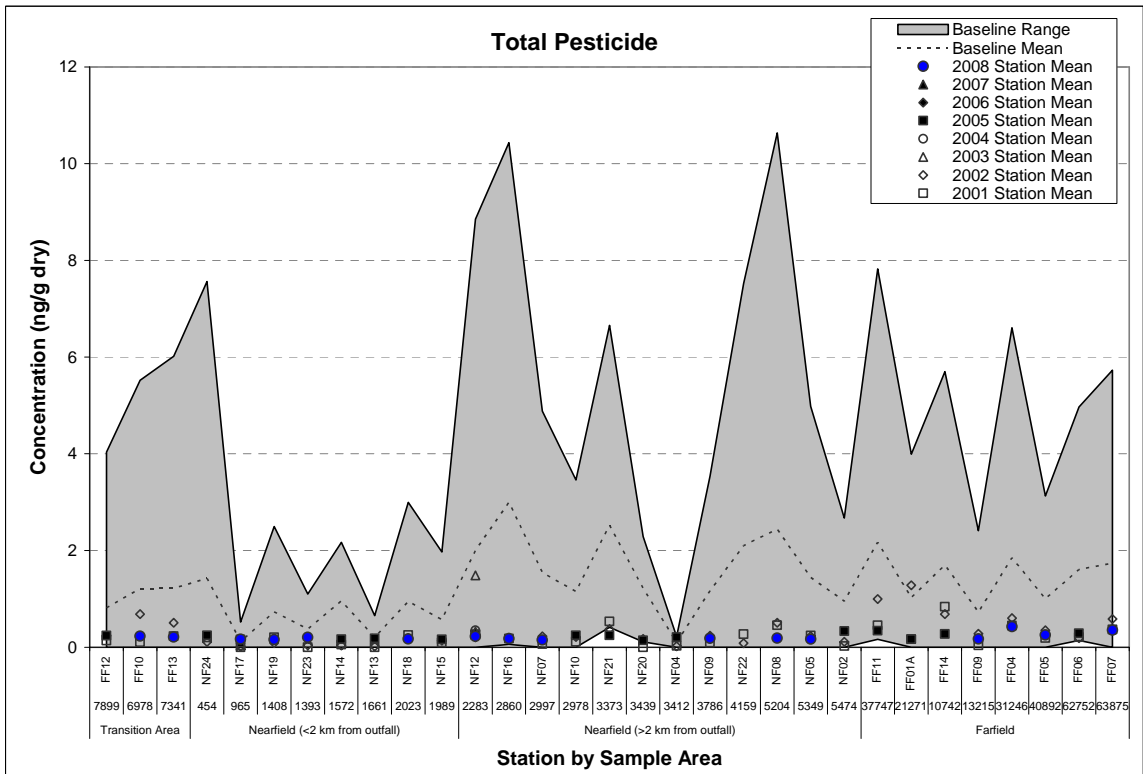
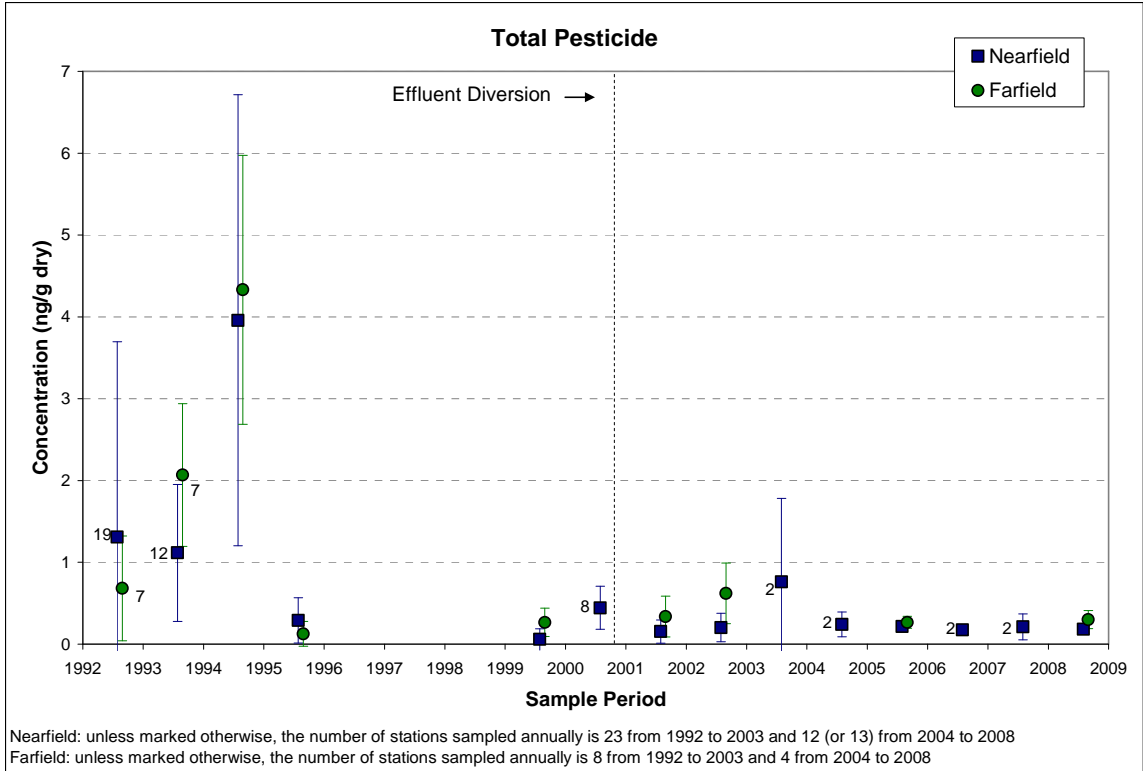


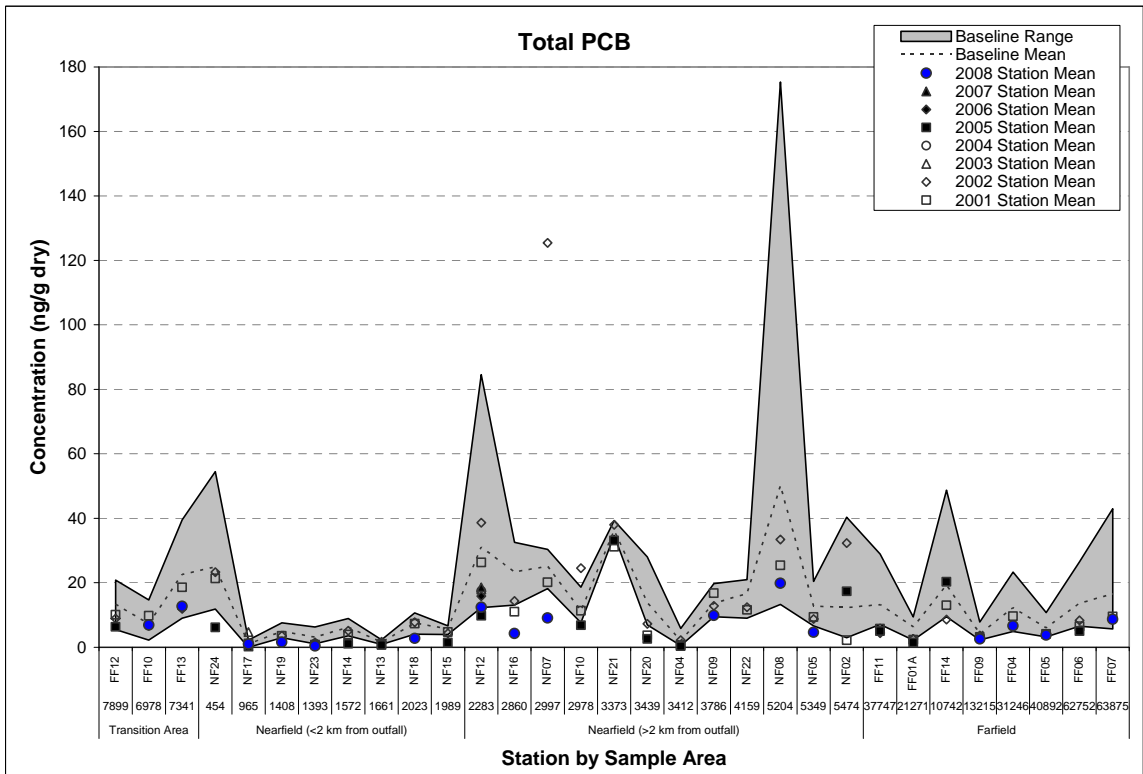
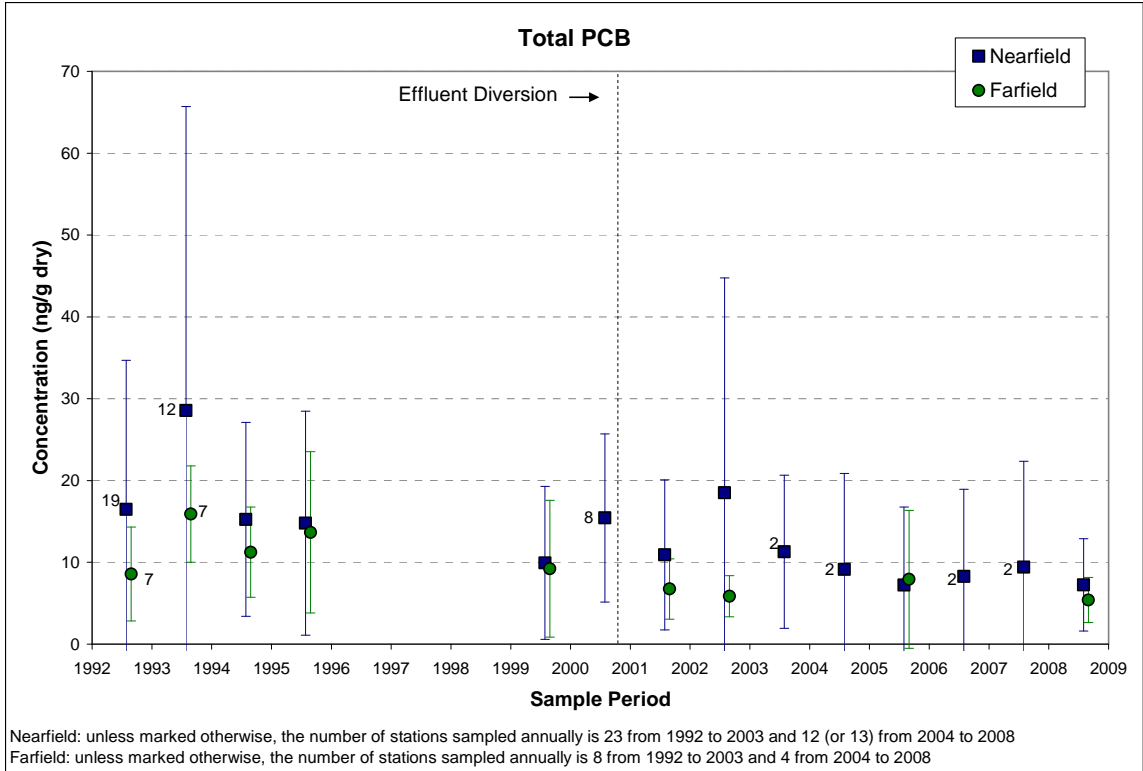
Time-series and range plots of contaminants from MWRA's outfall sediment contaminant monitoring, 1992-2008

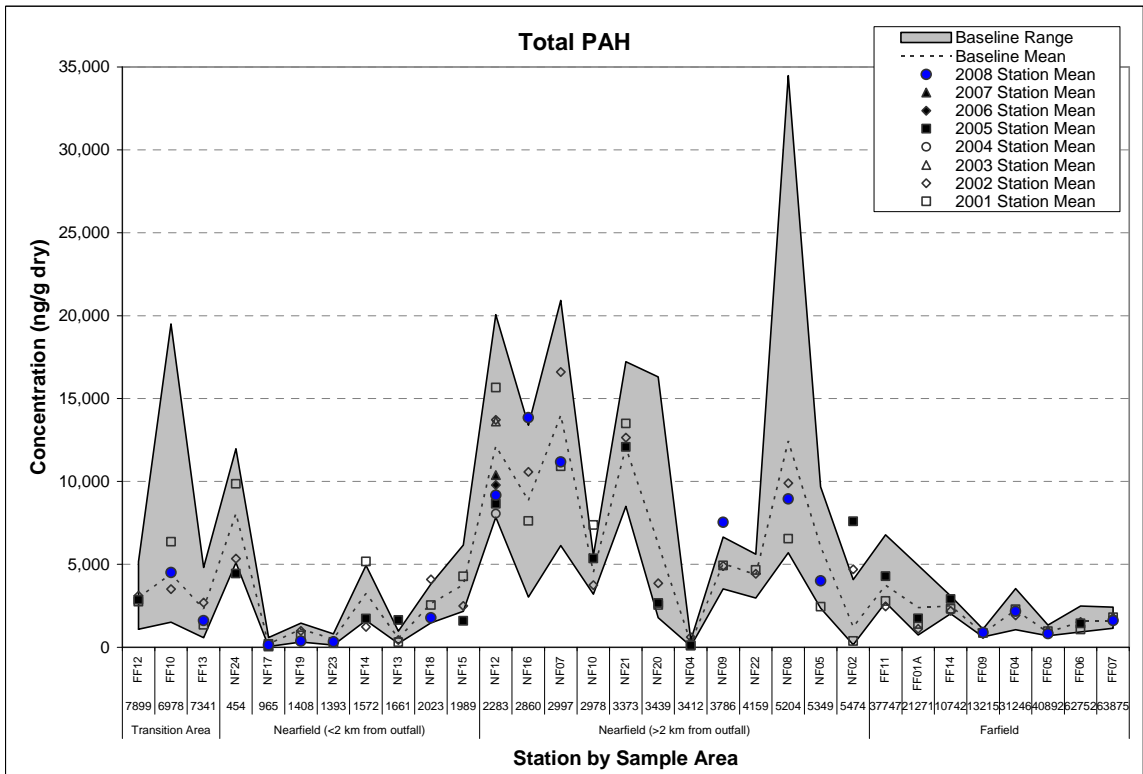
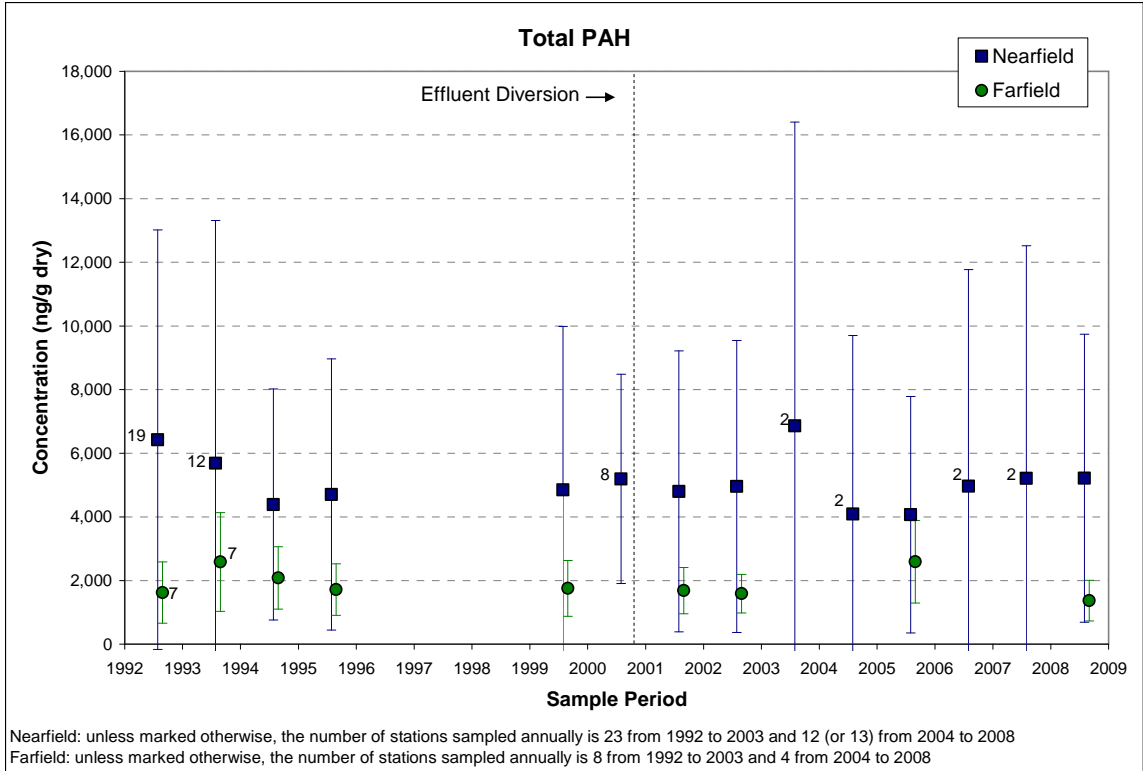
On the following pages, temporal trends are the top panels. These are illustrated using the yearly mean abundance (i.e., the average of all stations and replicates for a given year, by region); vertical bars represent one standard deviation. Spatial trends, on the bottom panels, are illustrated using range plots, where the range of values during baseline (1992–2000) is represented by the grey band, the baseline mean is the dashed line within the gray band, and post-diversion data are represented by symbols.

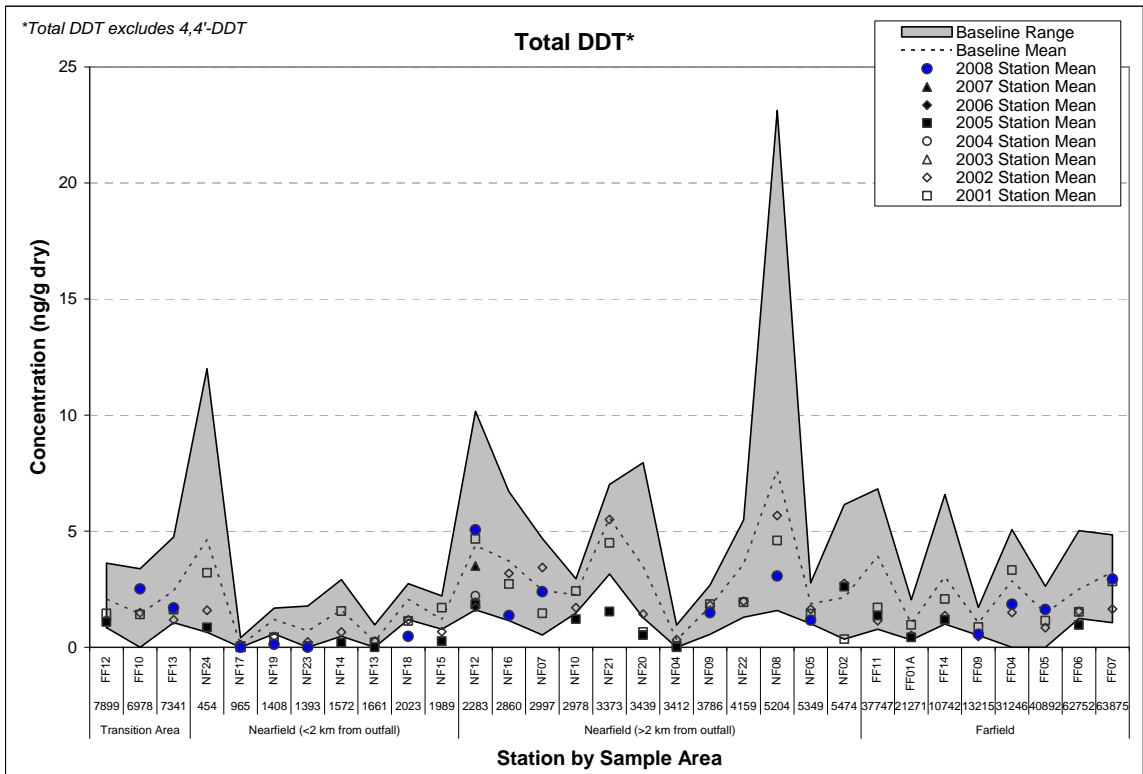
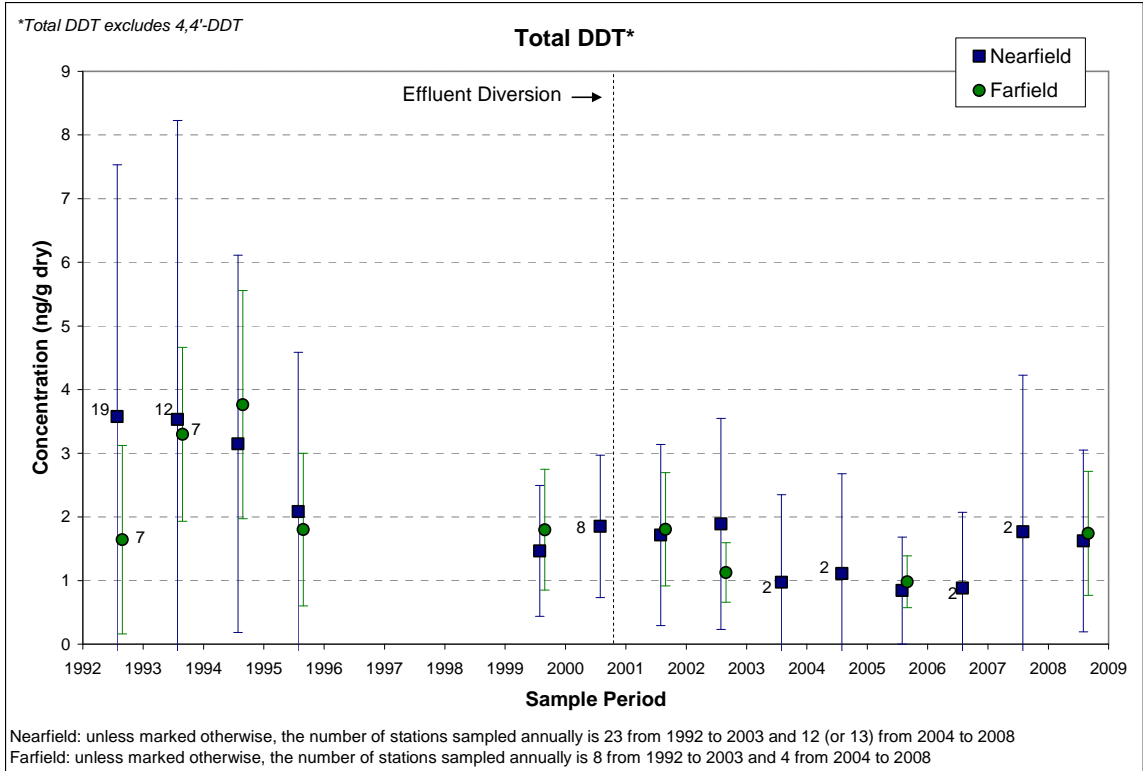
In the range plots, “transitional” stations are those nearfield stations located between Boston Harbor and the discharge, and more than 5 km from the outfall. These are followed by the nearfield stations 0-2 km from the outfall, those 2-5 km from the outfall, and finally the farfield stations.

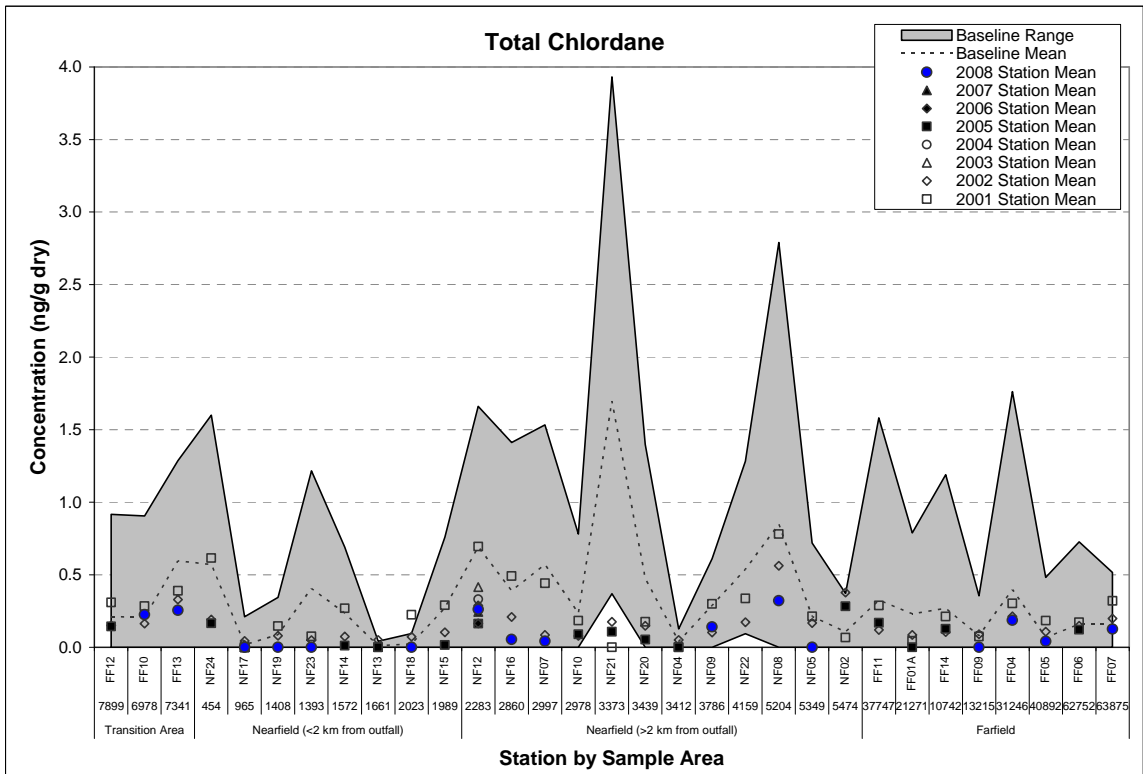
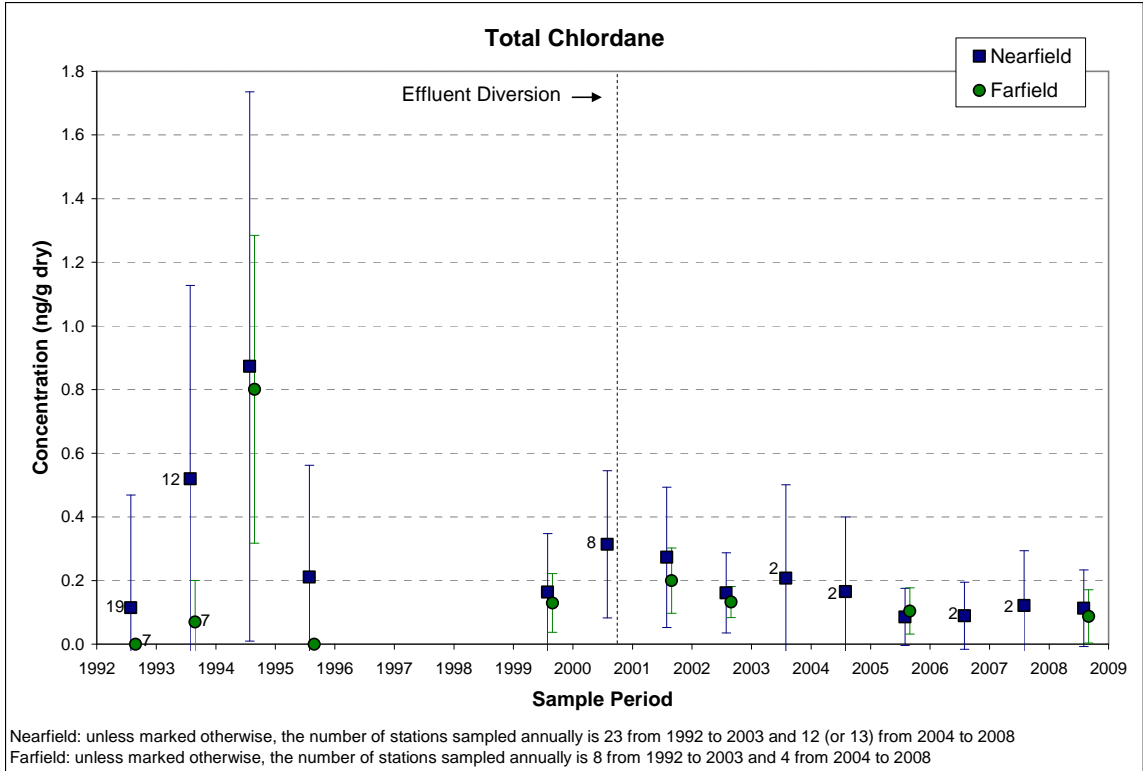
For the indicator bacterium *Clostridium perfringens*, two range plots are provided. In the first, on page 22, the baseline range is restricted to 1999 and 2000, the last 2 years of baseline. Counts were lower those years than earlier in baseline monitoring. In the second range plot, on page 23, counts from the entire baseline period are used. Note that both the timeseries and range plots for *C. perfringens* display data normalized to the percent silt+clay in sediments, whereas the plot of baseline and discharge counts with distance from the outfall on page 2 displays data spored/gram dry weight.

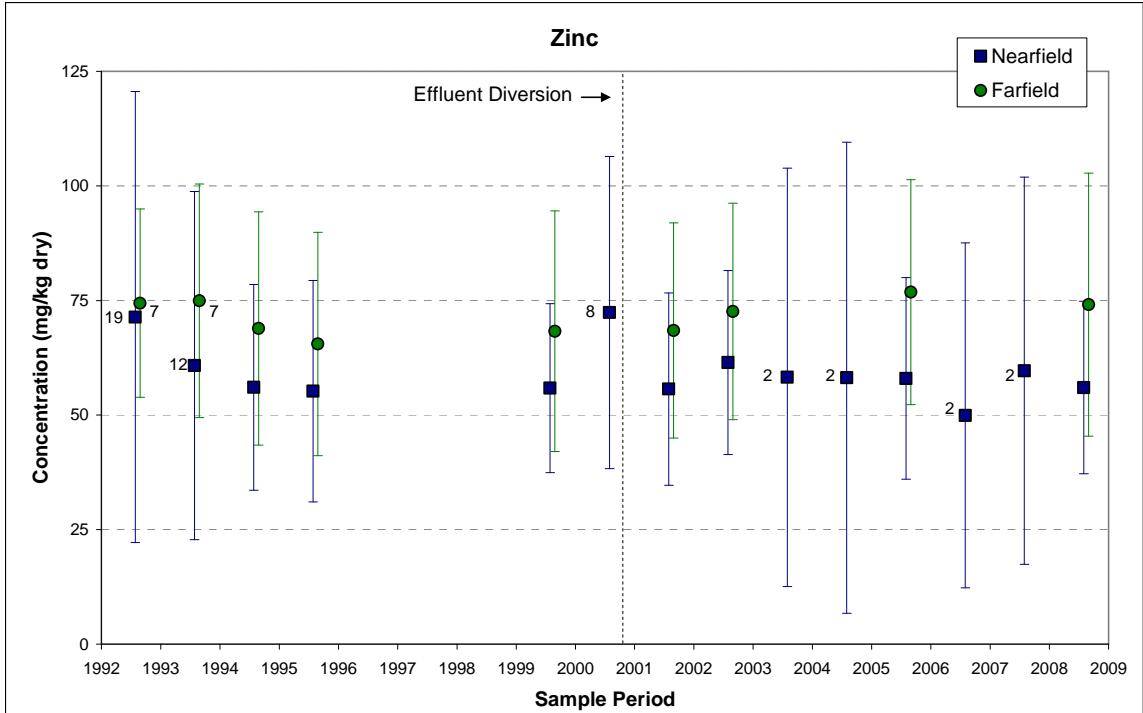




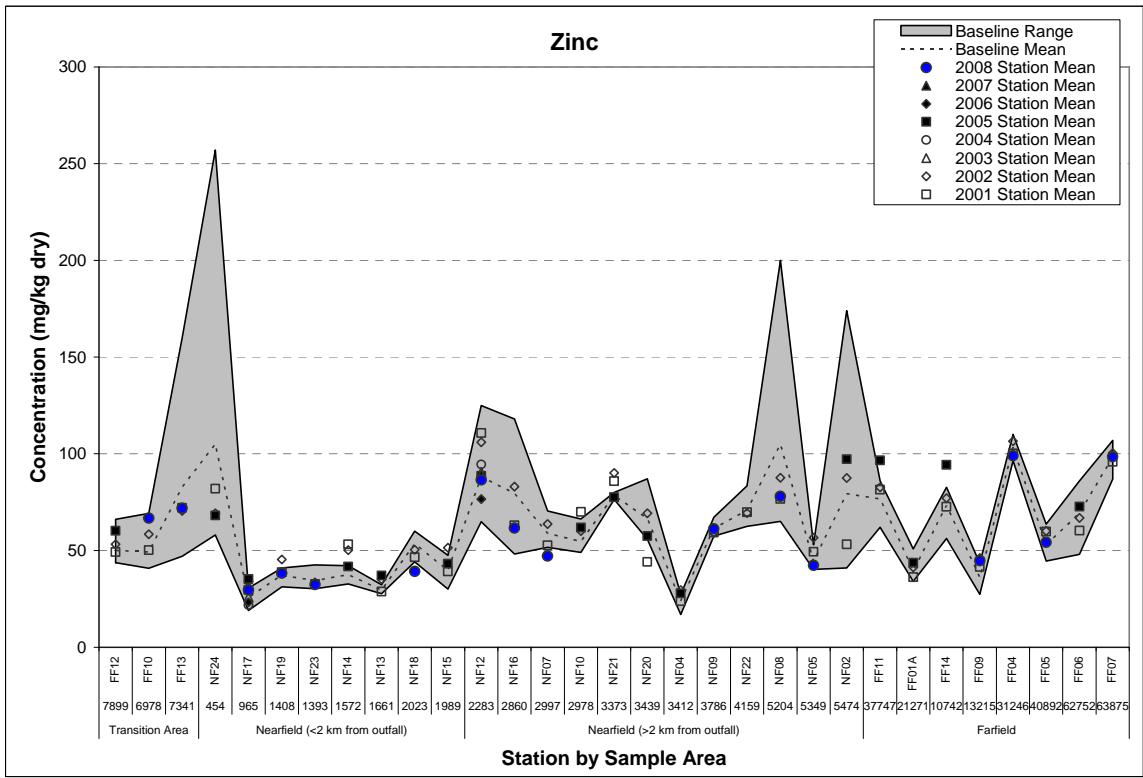


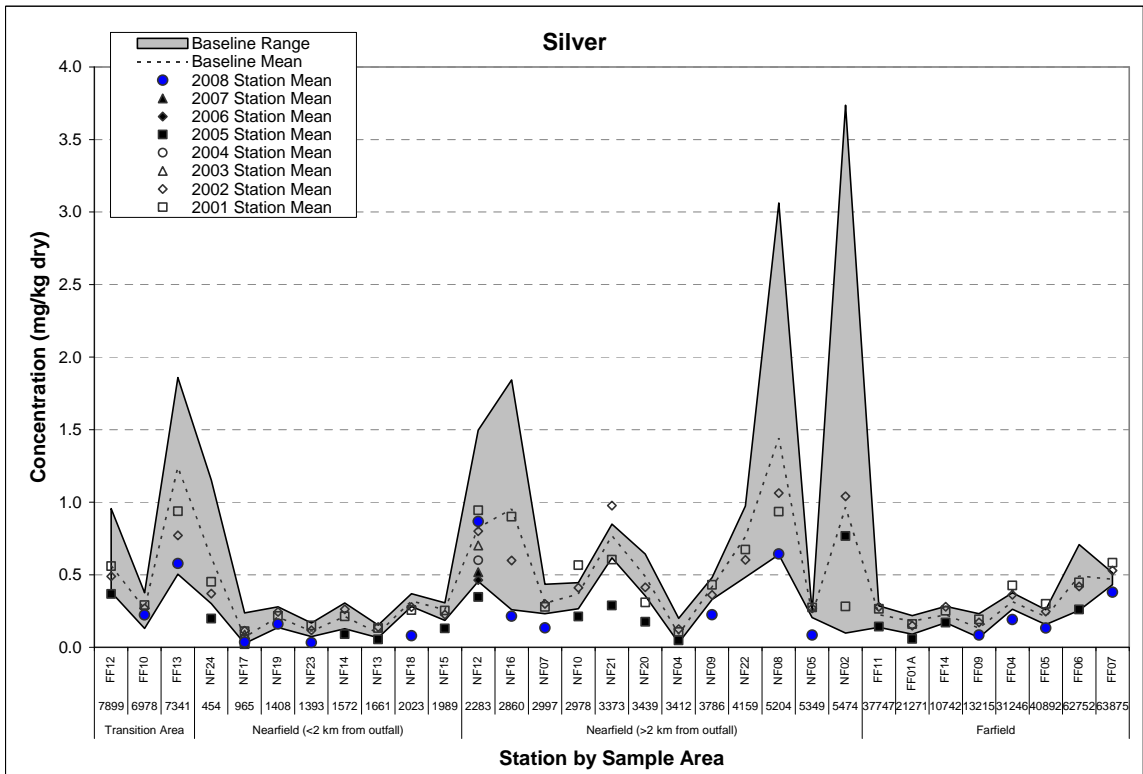
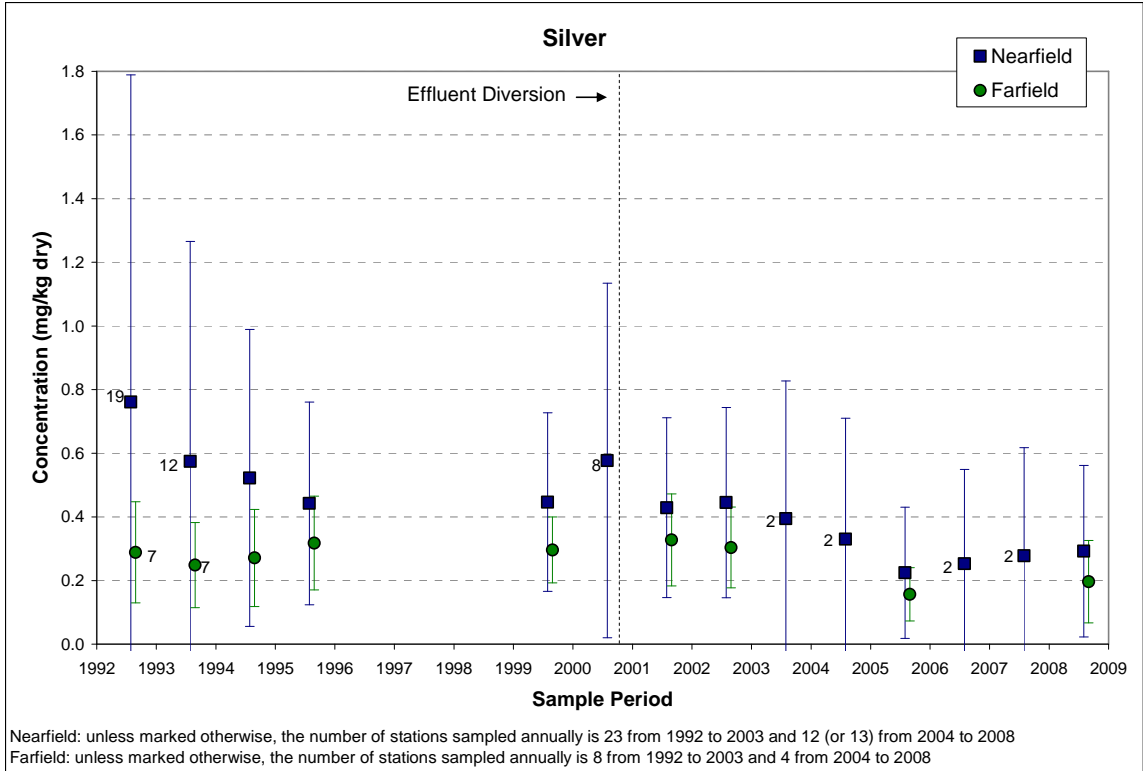


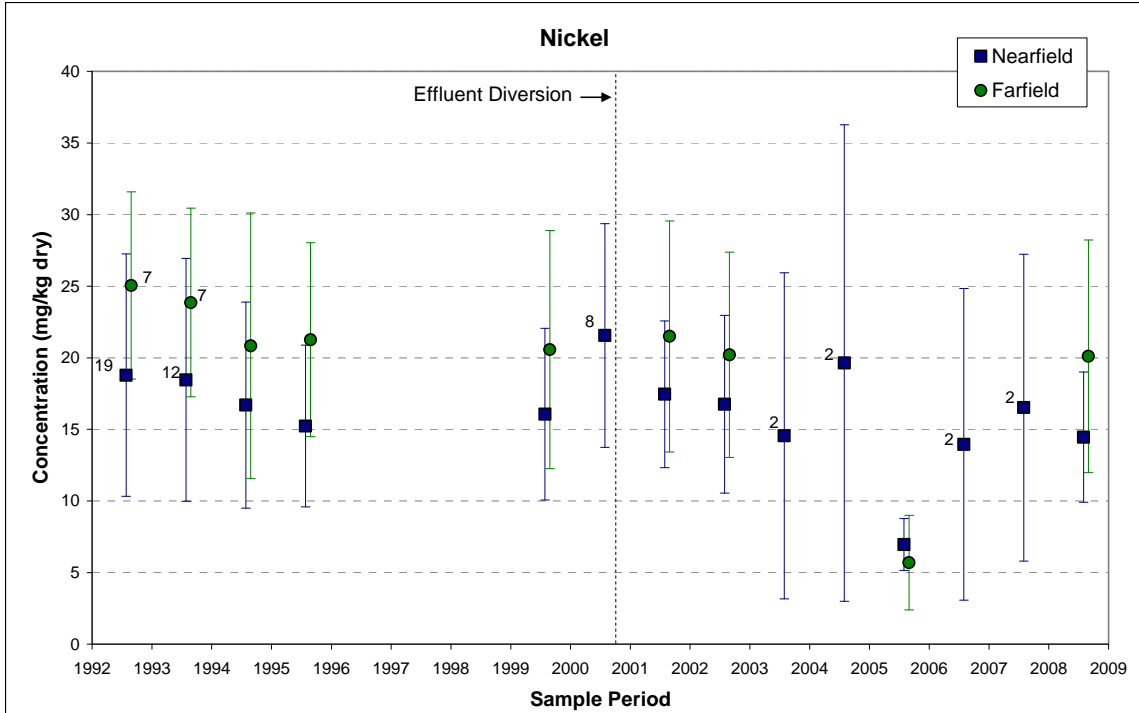




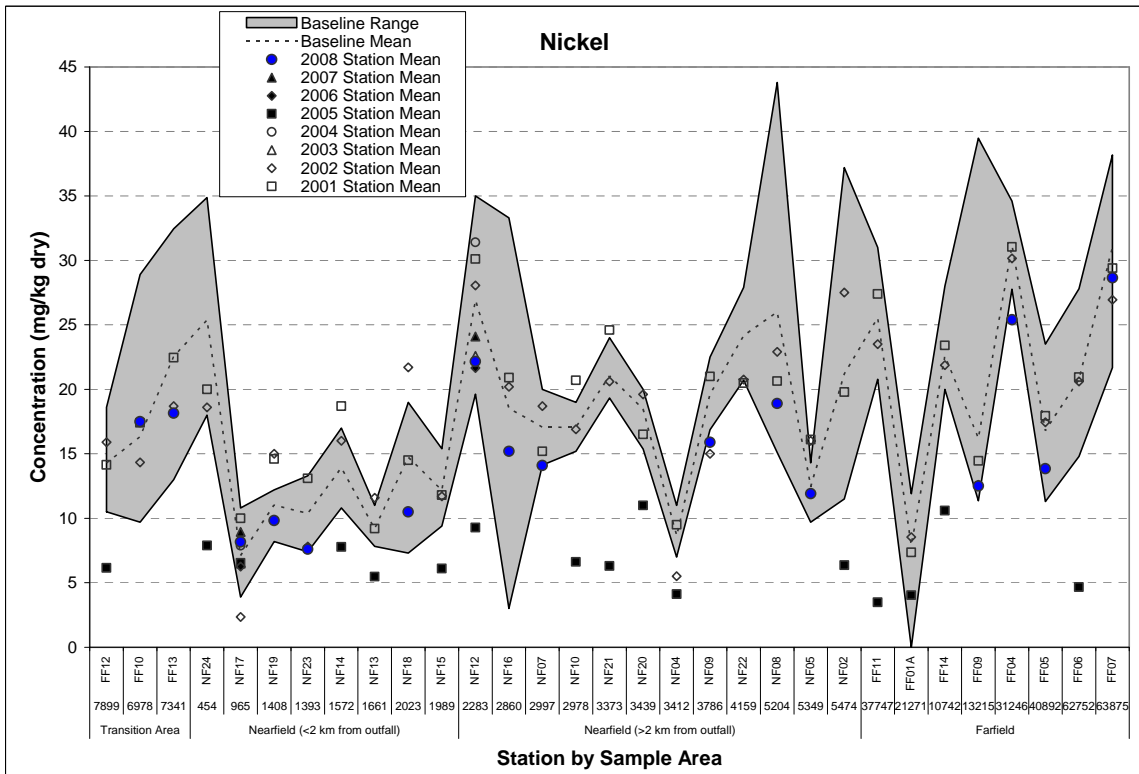
Nearfield: unless marked otherwise, the number of stations sampled annually is 23 from 1992 to 2003 and 12 (or 13) from 2004 to 2008
 Farfield: unless marked otherwise, the number of stations sampled annually is 8 from 1992 to 2003 and 4 from 2004 to 2008

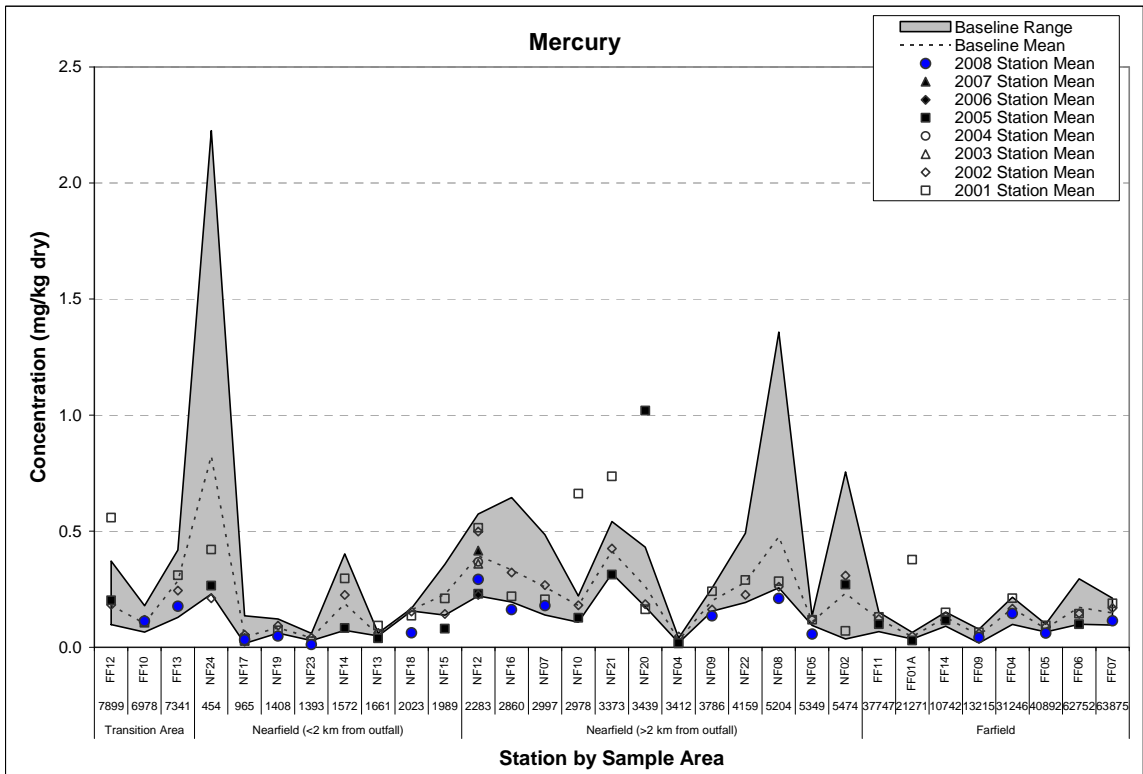
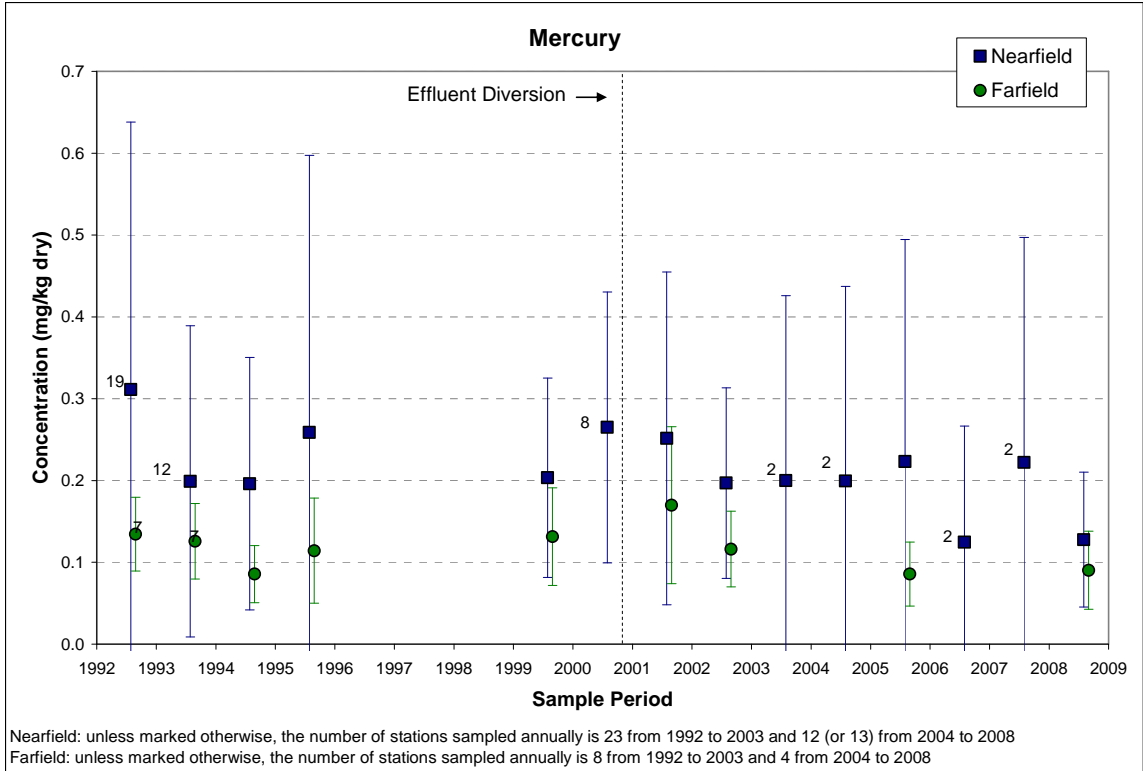


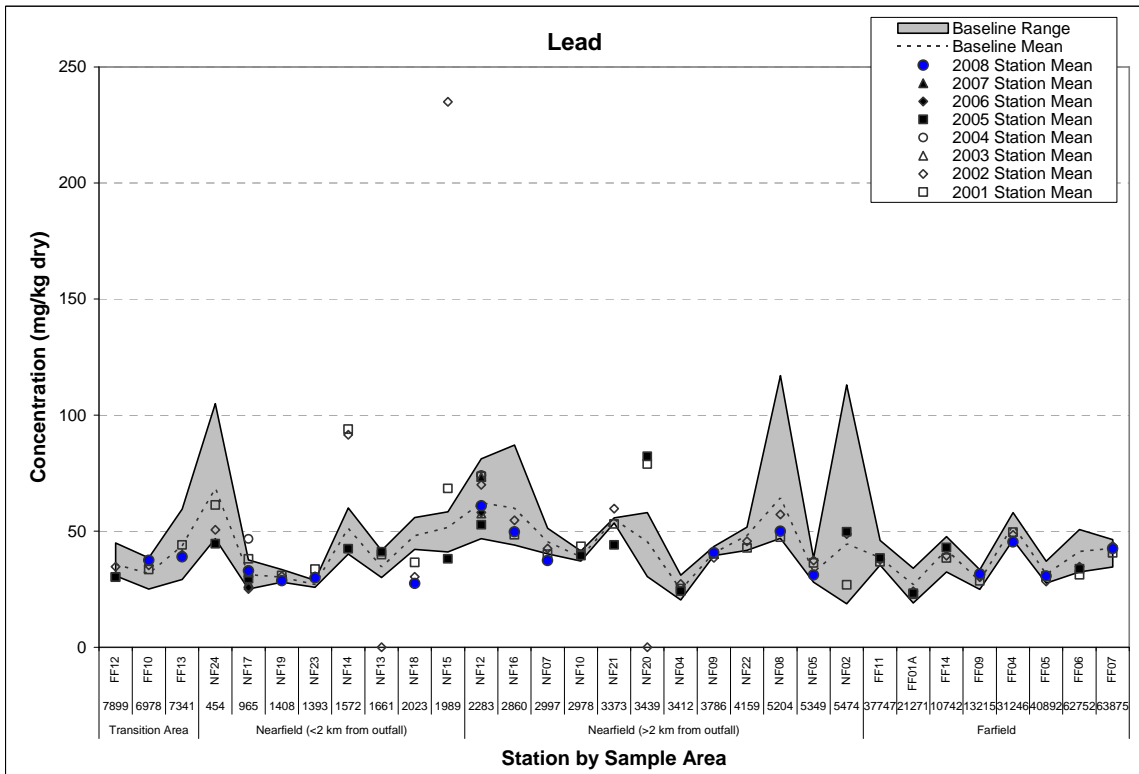
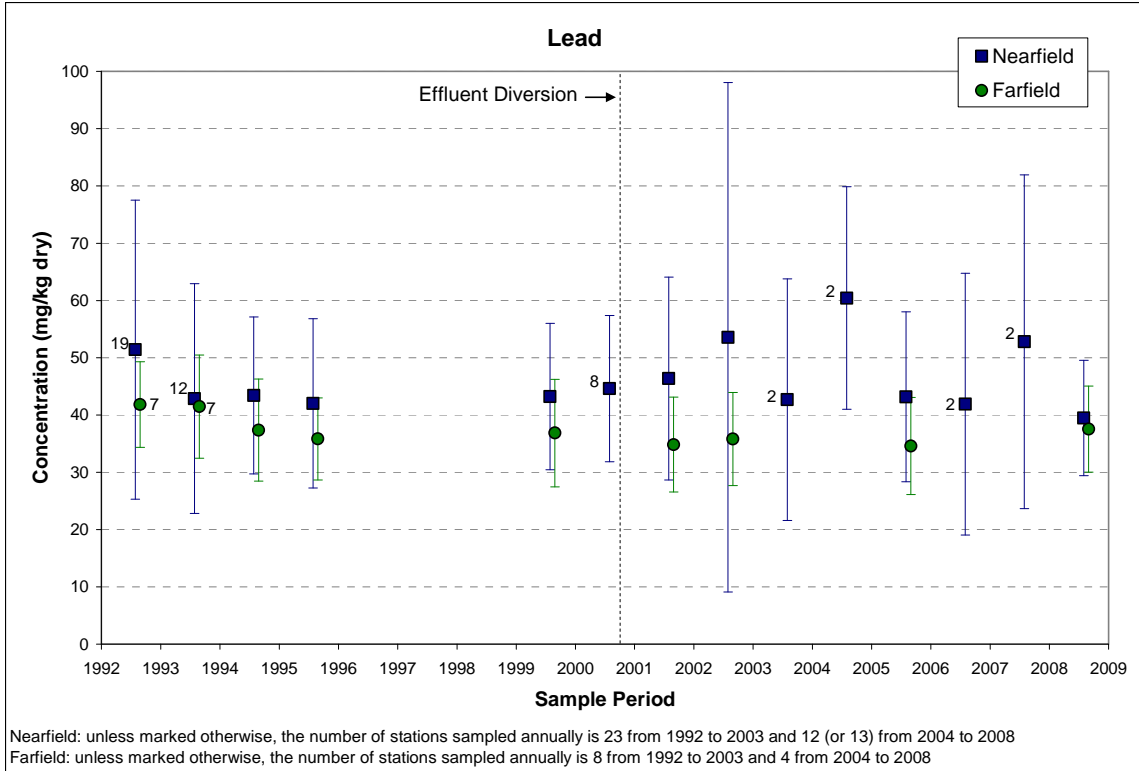


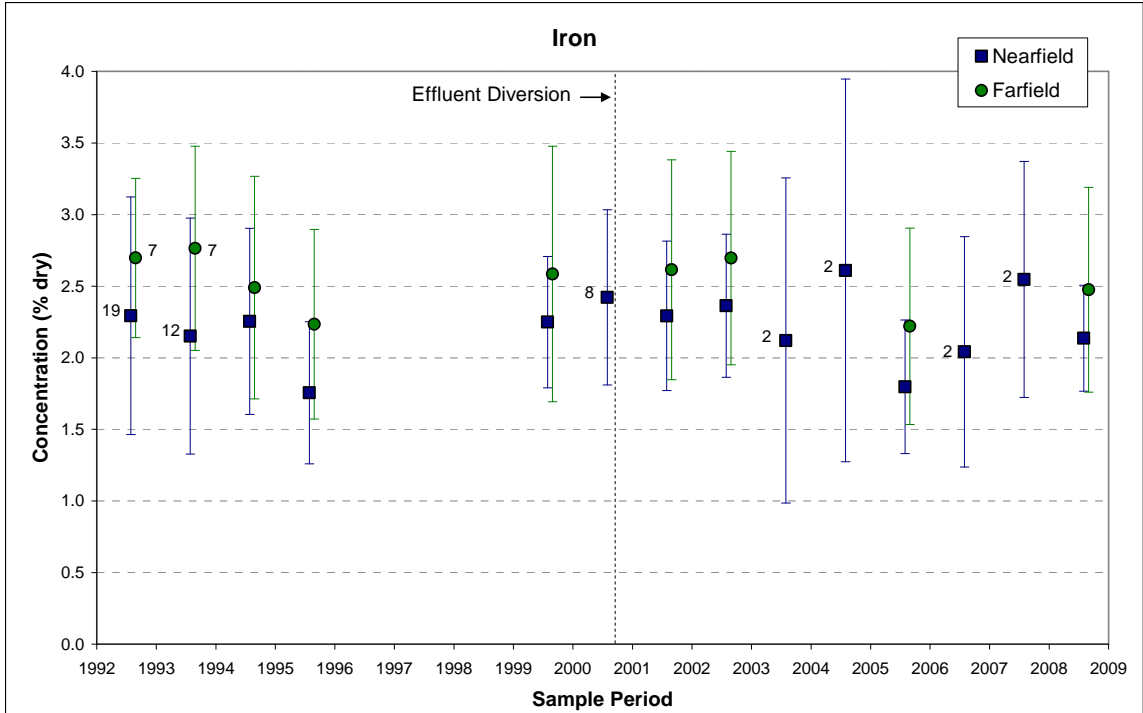


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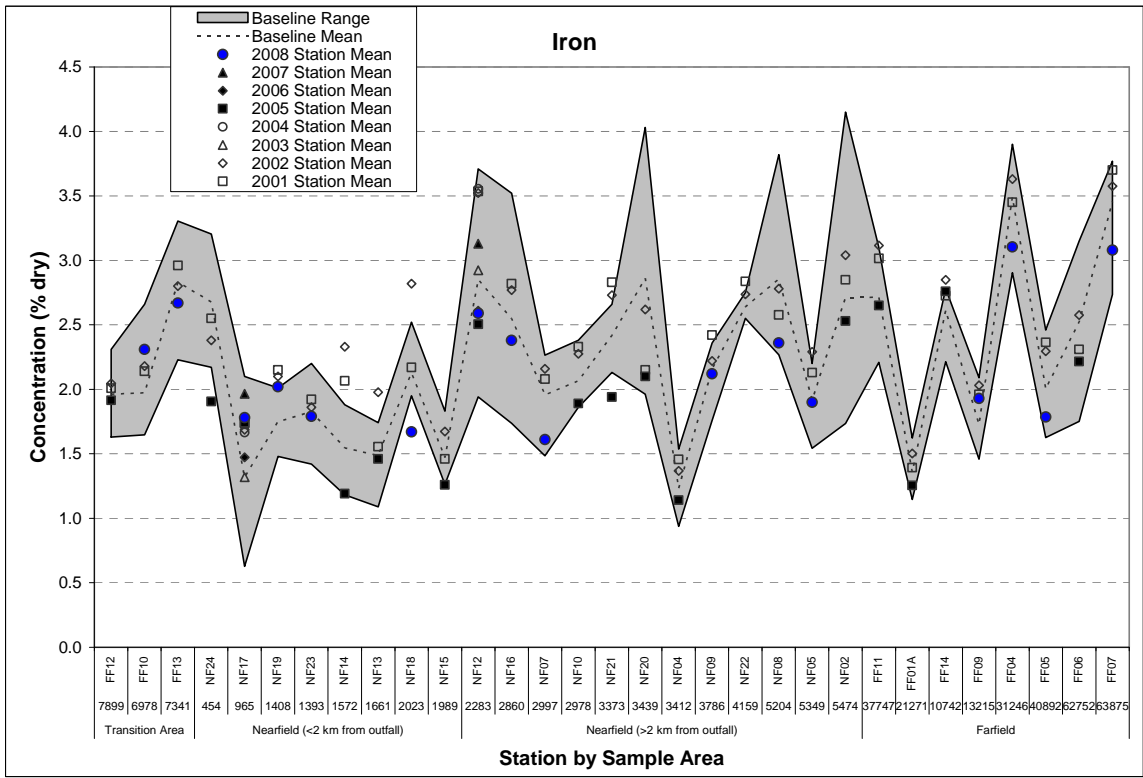


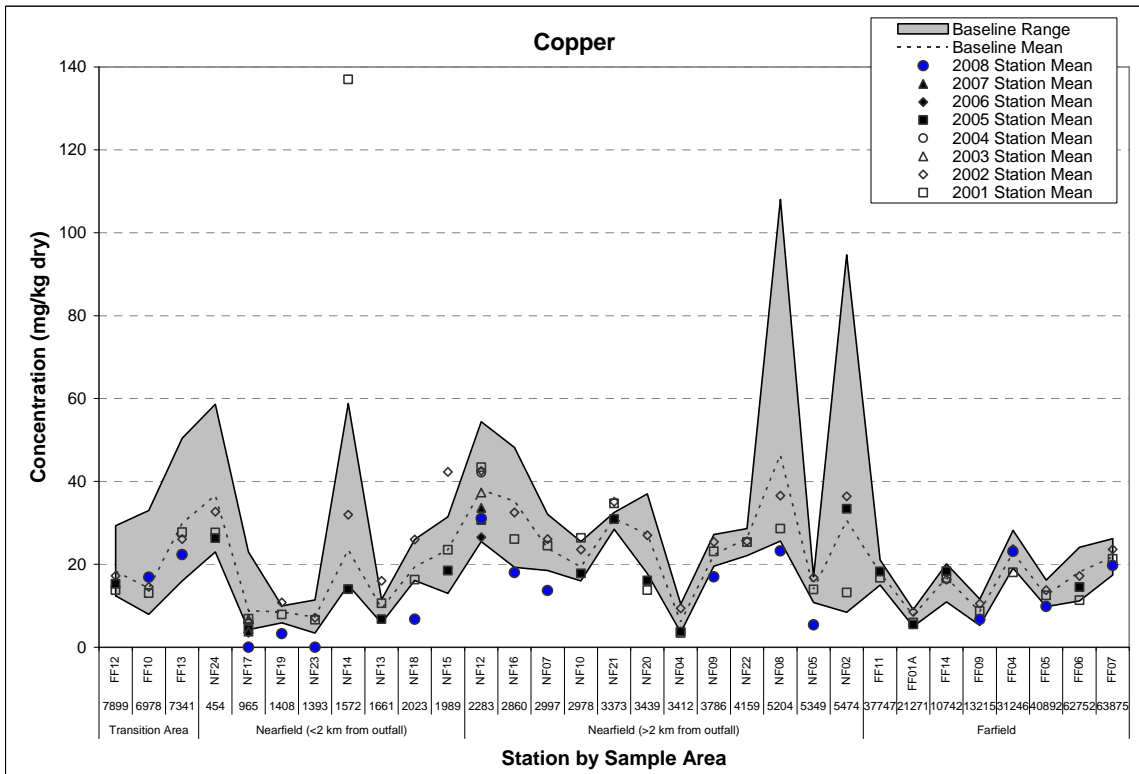
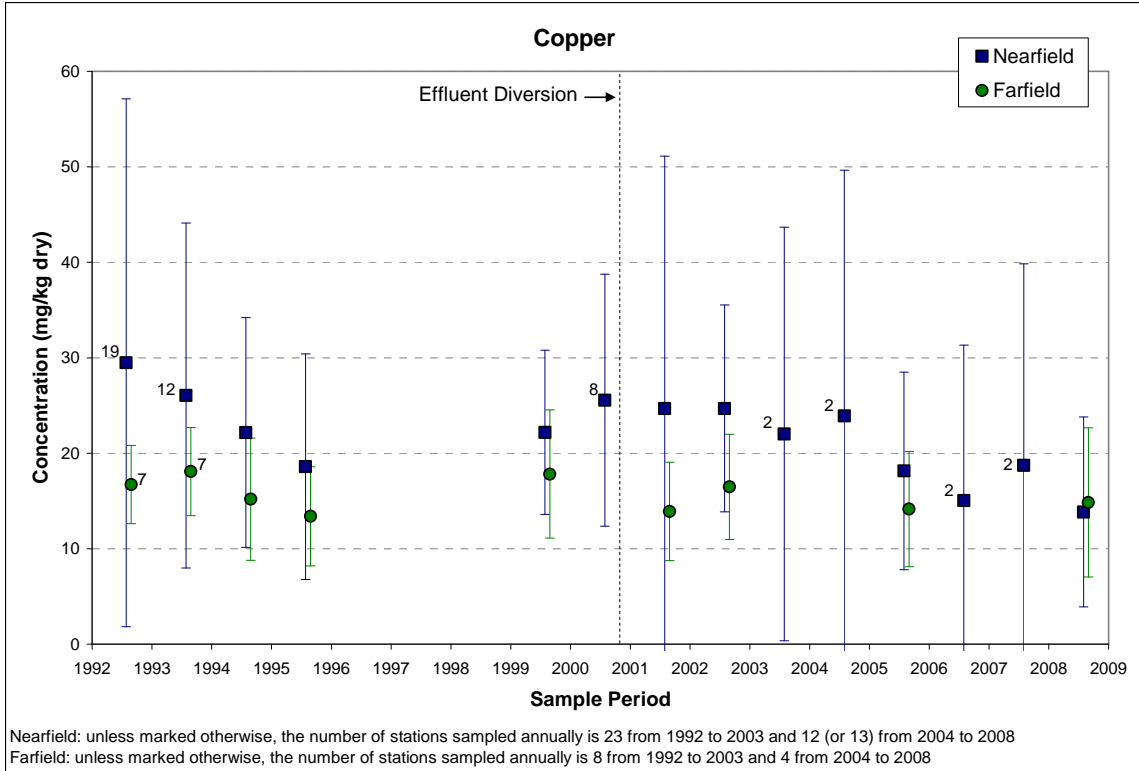


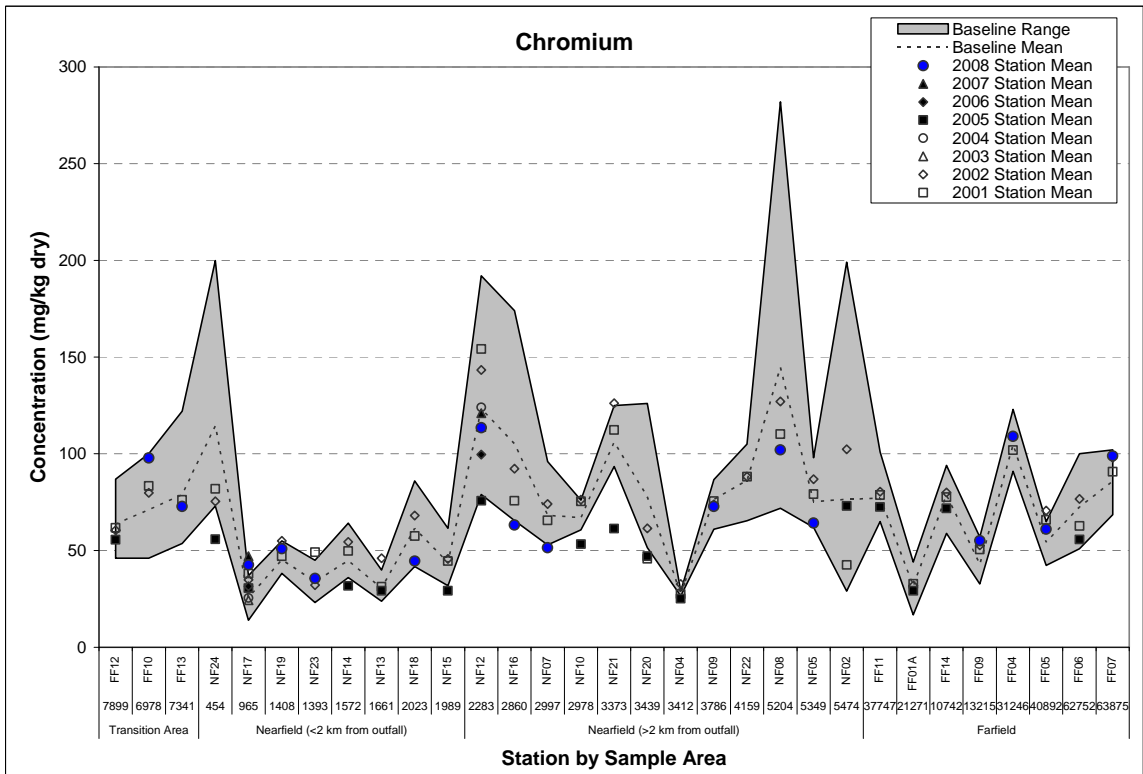
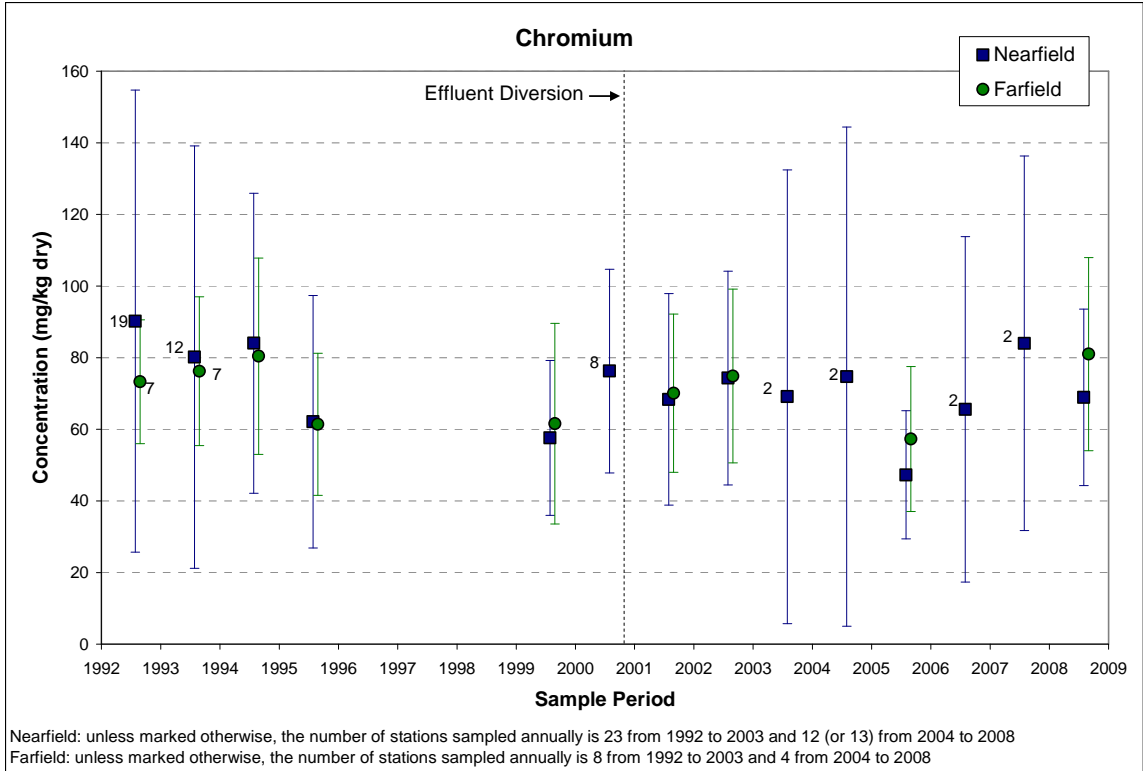


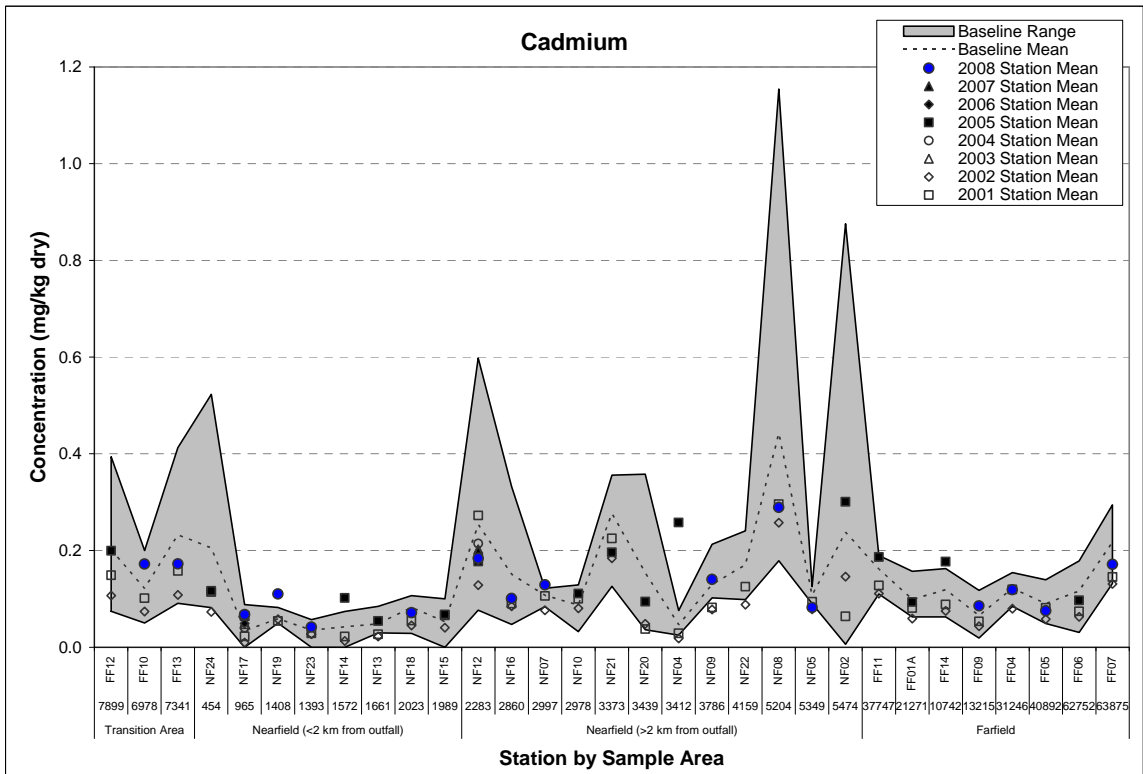
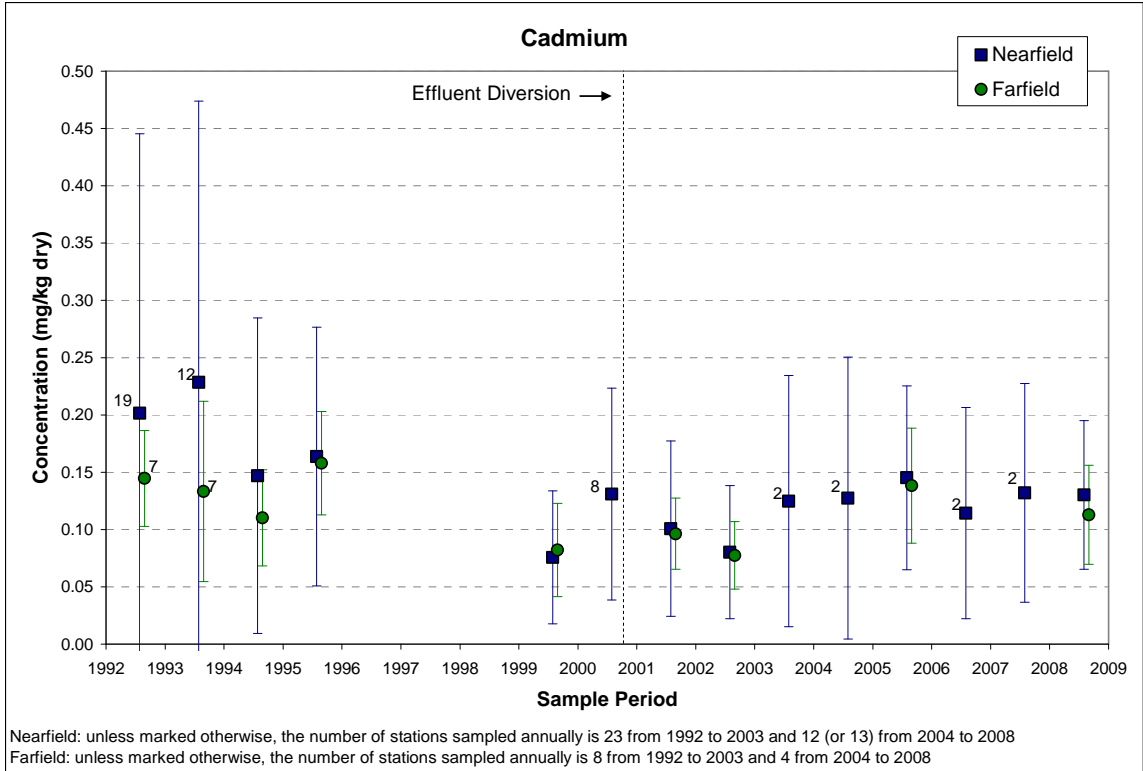


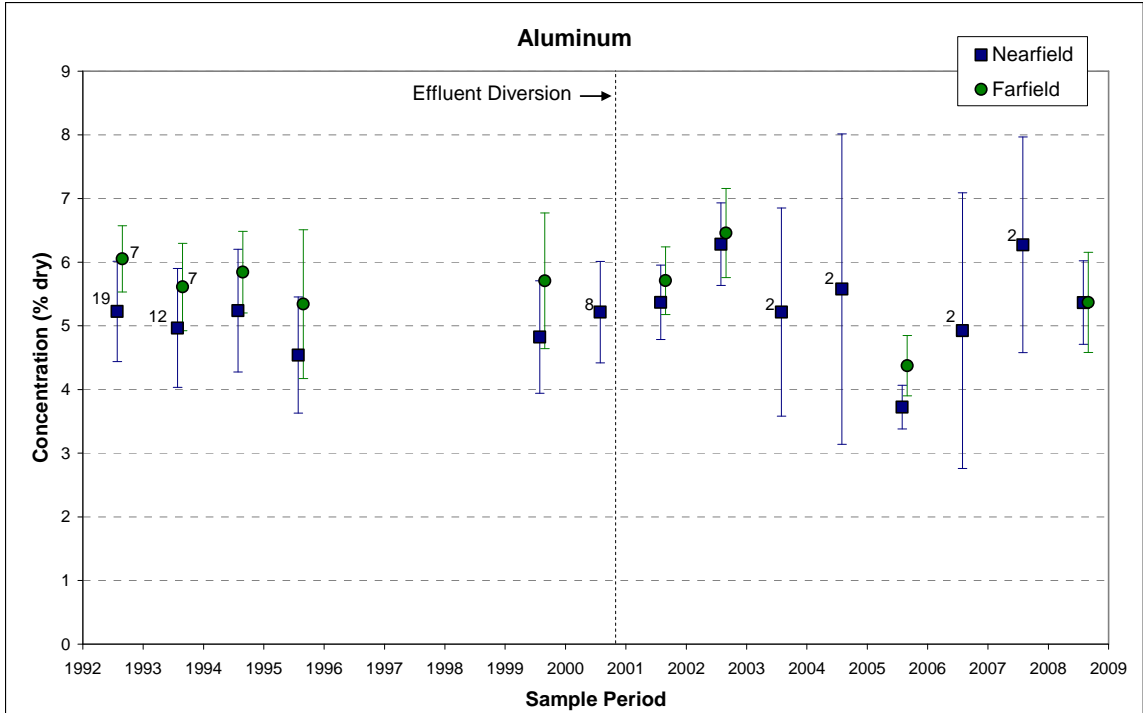
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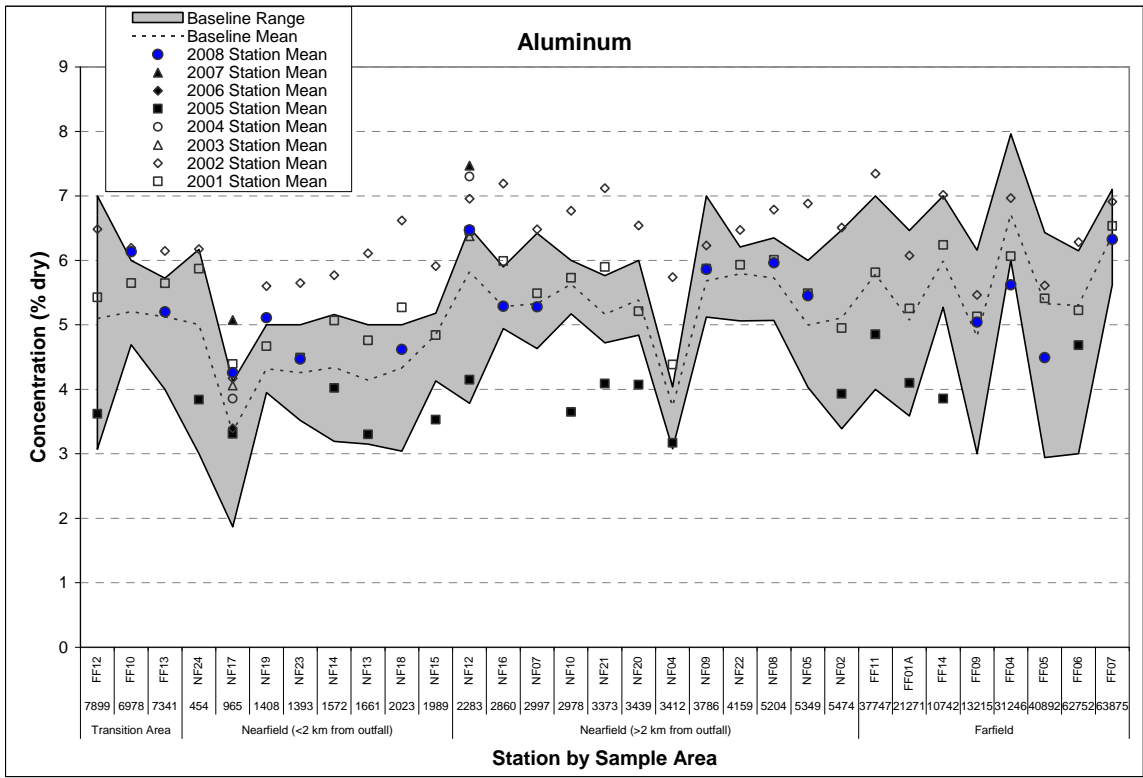


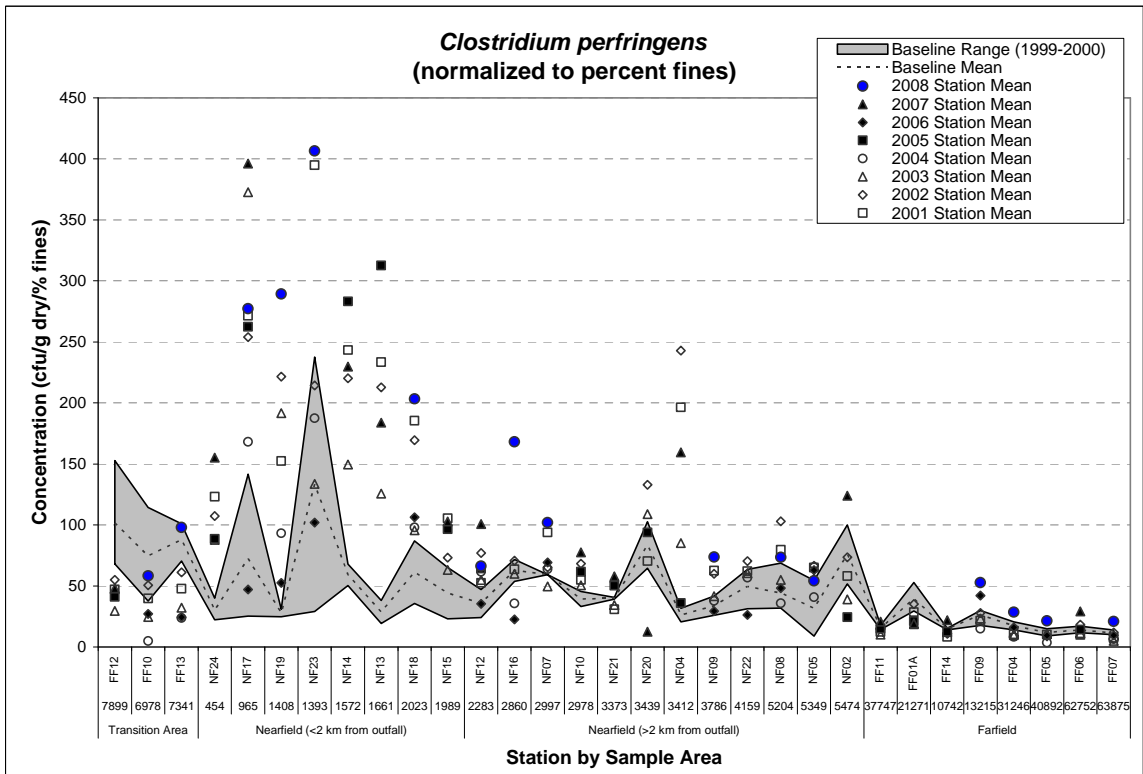
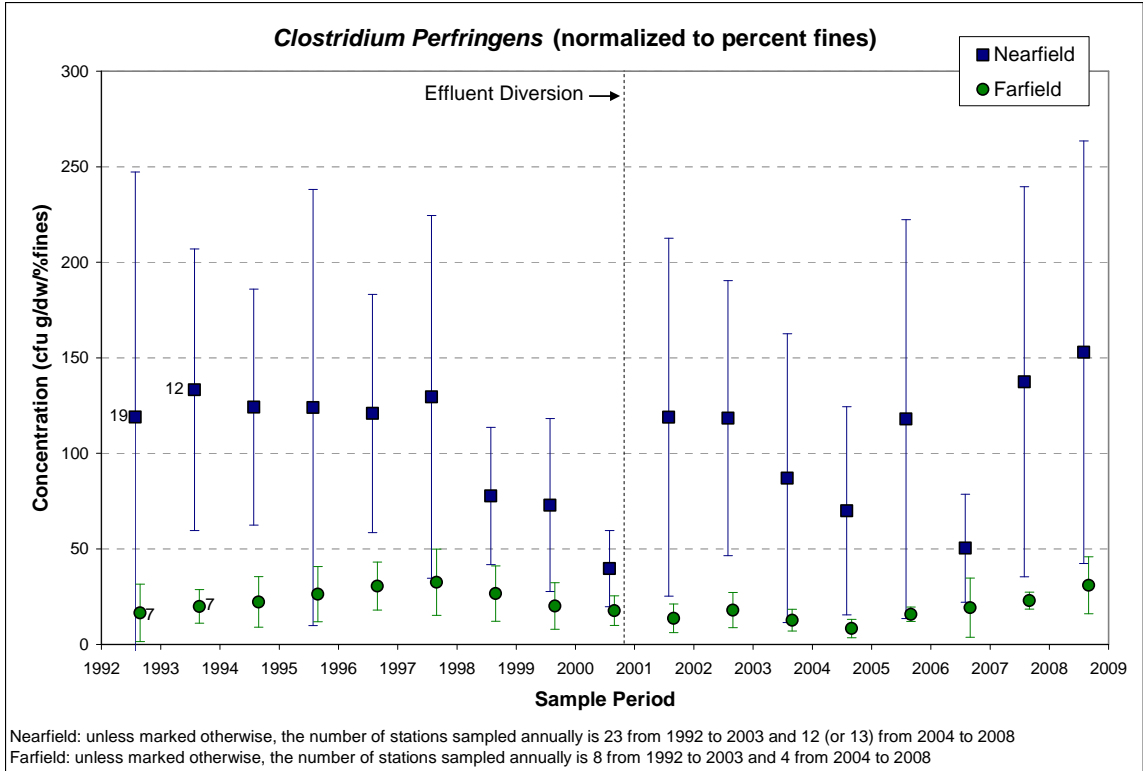


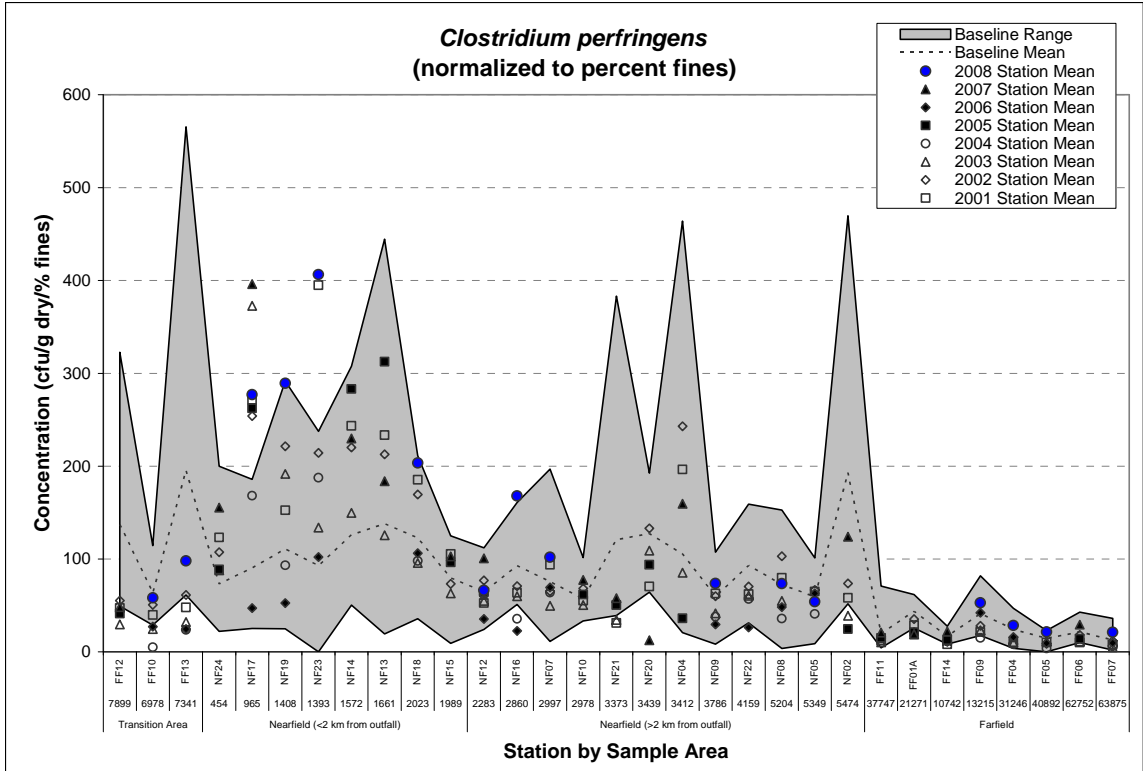


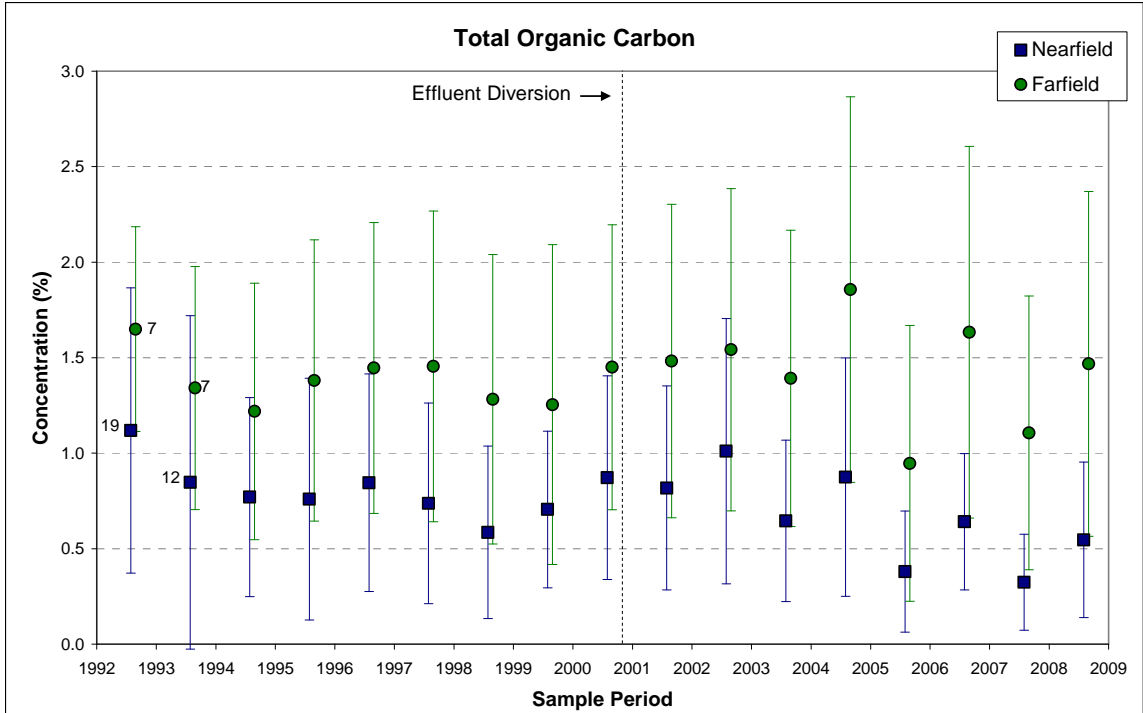


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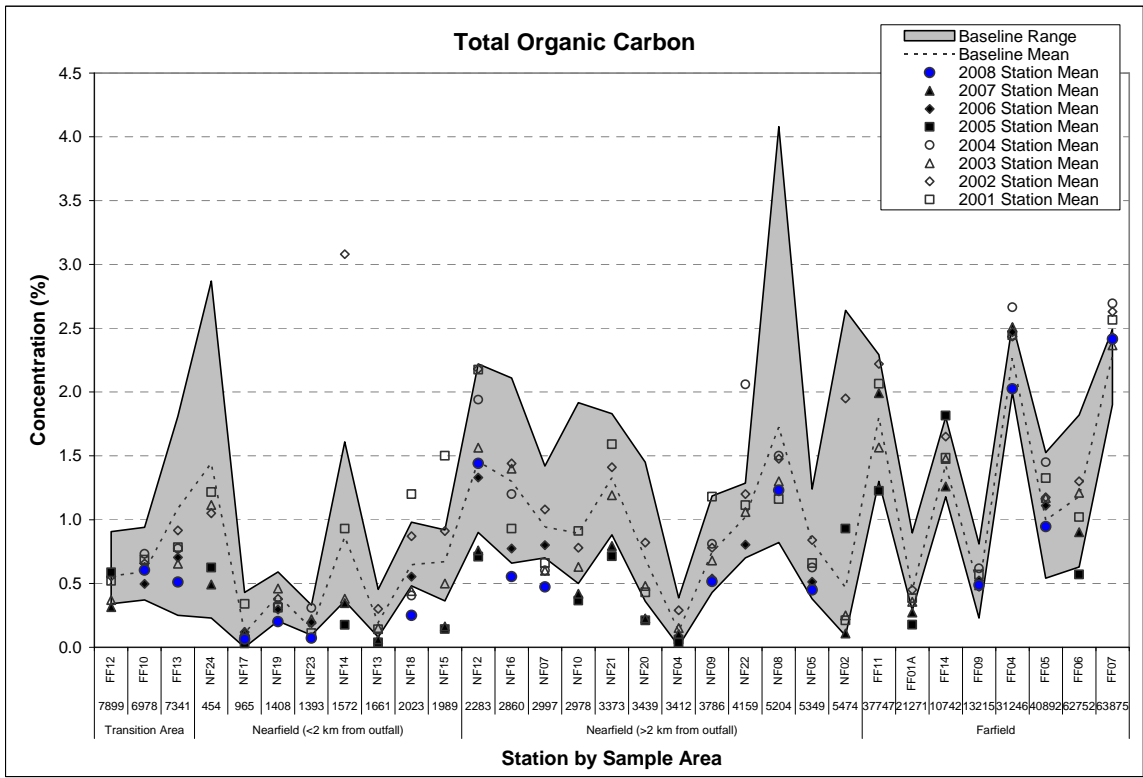


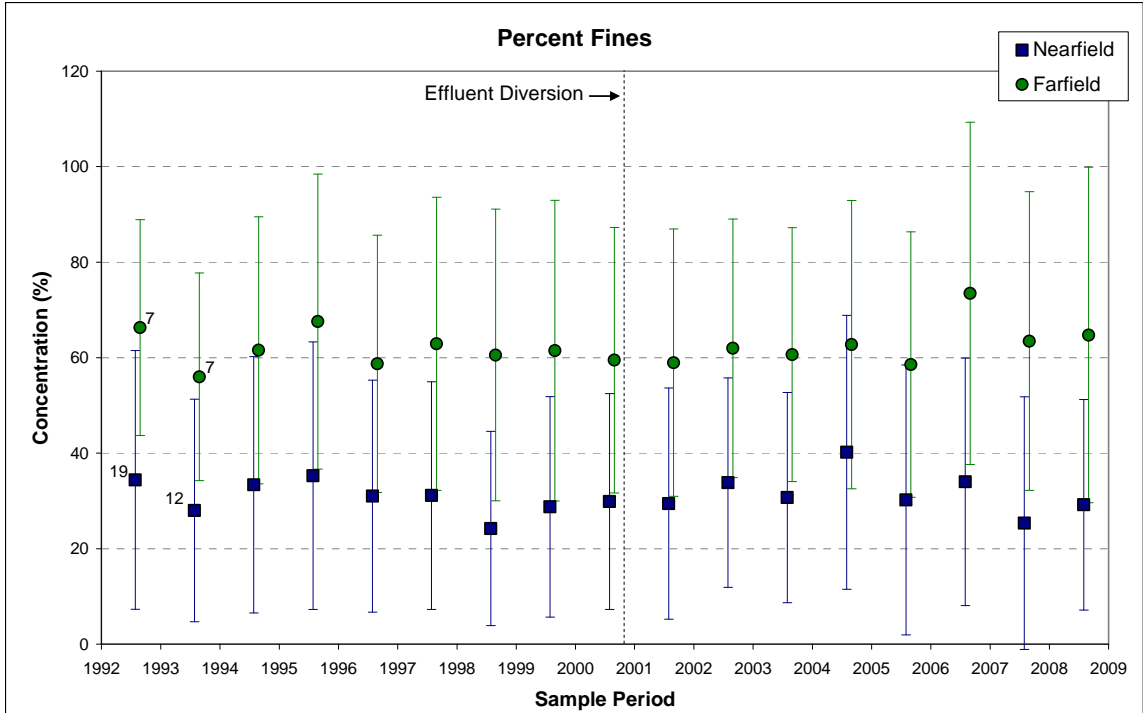






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