Suggested Steps of Revising the Annual Limit Values

1. Retrieve WQ and flow data at G251 for the period of record (08/01/94-7/30/04)
2. calculate the observed yearly flow weighted mean concentration (ppb):
3. Fit the $\ln(C_y)$ vs. Y and obtain the trend equation
4. obtain C_t using equation $\ln(C_t) = \text{mean}(\ln(C_y))+r_y$

Suggested Steps of Revising the Annual Limit Values

5. Calculate Cm using equation
   $Cm = \Sigma CtQ_y / \Sigma Q_y = 26.92942$ ppb
6. Calculate Cs=rescaled yearly flow-weighted mean concentration (ppb) using Cs=Ct(50/Cm)
7. Calculate limit using Lp=exp (m+stp), d=k(n-3)

   and annual limit value Lp (ppb) is 60 ppb for P=0.10
8. More stations might need to be included to refine the limit value

Suggestion for Defining "Extreme Storm Event"