

Flow & Total P Dynamics in Stormwater Treatment Areas

[Google Earth File](#)

[Documentation](#)

DRAFT 9/5/2014

Row	Region ----> Water Years ---->	STA-Bypass 2003_2014	STA-1E 2003_2014	STA-1W 2003_2014	STA-2 2003_2014	STA-34 2003_2014	STA-5 2003_2014	STA-6 2003_2014
1	Google Earth File	●	●	●	●	●	●	●
2	Library of Chart Files by Site	●	●	●	●	●	●	●
3	Daily, Monthly, Yearly Time Series by Site	●	●	●	●	●	●	●
4	Daily Time Series by Site	●	●	●	●	●	●	●
5	Monthly Time Series by Site	●	●	●	●	●	●	●
6	Yearly Time Series by Site	●	●	●	●	●	●	●
7	Regression Model Statistics by Site	●	●	●	●	●	●	●
8	Diagnostic Charts by Site	●	●	●	●	●	●	●
9	Yearly Samples & Flow	●	●	●	●	●	●	●
10	Grab & Composite Samples, Missing Flows vs. Year	●	●	●	●	●	●	●
11	FWM Conc vs. Calculation Method	●	●	●	●	●	●	●
12	Daily Flows & Concentrations, Grabs & Composites	●	●	●	●	●	●	●
13	Daily Flow & Log FWM Concentration, Grabs & Composites	●	●	●	●	●	●	●
14	Daily Load Showing Grab Sampling Dates	●	●	●	●	●	●	●
15	Daily Load (kg/day) vs. Daily Flow (cfs)	●	●	●	●	●	●	●
16	Observed & Predicted Grab Concentrations	●	●	●	●	●	●	●
17	Monthly Flows & FWM Concs	●	●	●	●	●	●	●
18	Monthly Flows & Log FWM Concs	●	●	●	●	●	●	●
19	Monthly Flows & FWM Concs, Grabs & Composites	●	●	●	●	●	●	●
20	Monthly Log FWM Conc vs. Flow, Grabs & Composites	●	●	●	●	●	●	●
21	Monthly Total Loads	●	●	●	●	●	●	●
23	Monthly Loads - Grab & Composite Samples	●	●	●	●	●	●	●
23	Monthly Load vs. Flow - Grabs & Composite Samples	●	●	●	●	●	●	●
24	Mean & 3-Year Rolling Mean Flows	●	●	●	●	●	●	●
25	Yearly & 3-Year Rolling Flow-Weighted-Mean Concentrations	●	●	●	●	●	●	●
26	Yearly Flows & Flow-Weighted Mean Concs	●	●	●	●	●	●	●
27	Yearly FWM Concs - Grab & Composite Samples	●	●	●	●	●	●	●
28	Trend in Grab Sample Concs, Adjusted for Flow & Season	●	●	●	●	●	●	●
29	Grab Sample Geometric Mean Concs vs. Year	●	●	●	●	●	●	●
30	Grab Sample Geometric & Flow-Wtd-Mean Concs vs. Water Year	●	●	●	●	●	●	●
31	Yearly Flow-Weighted-Mean Concs vs. Flow, Grabs & Composites	●	●	●	●	●	●	●
32	Yearly Load vs. Flow, Grabs & Composites	●	●	●	●	●	●	●
33	Mean and 3-Year Rolling Mean Loads vs. Water Year	●	●	●	●	●	●	●
34	Yearly Loads - Grab & Composite Samples	●	●	●	●	●	●	●
35	Total & Daily Excess Load = $Q \times (C - C_b)$ vs. Yr, $C_b = 6$ or 13 ppt	●	●	●	●	●	●	●
36	Seasonal Variations in Flow & FWM Concentration	●	●	●	●	●	●	●
37	Seasonal Variations in Flow & FWM Conc, Grabs & Composites	●	●	●	●	●	●	●
38	Seasonal Variations in Flow, Load, & Excess Load	●	●	●	●	●	●	●
39	Seasonal Variations in Flow & Load, Grabs vs. Composites	●	●	●	●	●	●	●
40	Cumulative Flow-Weighted Conc & Flow vs. Year	●	●	●	●	●	●	●
41	Cumulative Flow & Load vs. Year	●	●	●	●	●	●	●
42	Cumulative Load vs. Cumulative Flow	●	●	●	●	●	●	●
43	Percent Change in Flow, Load, Conc, & Excess Load ($C > C_b$ ppb)	●	●	●	●	●	●	●
44	Percent Change in Flow, Load, Conc, & Excess Load, Fixed Scales	●	●	●	●	●	●	●