Computed Runoff Concentrations by Land Use, After Attenuation

Concentrations in ppm

Variable	Land Use Single-Fam	Multi-Fam	Comm.	Open	Attenuation Factor	Assumption	Notes
tp	0.419	0.419	0.196	0.128	68%		from runoff conc. table
orthop	0.142	0.142	0.101	0.108	68%		from runoff conc. table
dip	0.211	0.211	0.125	0.113		0.25	(dip-orthop) / (tp-orthop)
dop	0.069	0.069	0.024	0.005		0.25	dop / (tp-orthop)
pip	0.069	0.069	0.024	0.005		0.25	pip / (tp-orthop)
pop	0.069	0.069	0.024	0.005		0.25	pop / (tp-orthop)
tn	1.421	1.421	1.610	0.420	70%		from runoff conc. table
nox	1.260	1.260	0.560	0.210	70%		from runoff conc. table
nh4	0.016	0.016	0.105	0.021		0.1	nh4 / tkn
orgn	0.145	0.145	0.945	0.189		0.9	orgn / tkn
don	0.072	0.072	0.473	0.095		0.5	don / orgn
pon	0.072	0.072	0.473	0.095		0.5	pon / orgn
dca	1	1	1	1		1	a
pca	21	21	21	21		21	a
poc	5	5	5	5		5	a
doc	12	12	12	12		12	a
psio2	0.1	0.1	0.1	0.1		0.1	a
dsio2	1.7	1.7	1.7	1.7		1.7	a
alk	127	127	127	127		127	a
salin	277	277	277	277		277	a
tss	143	143	106	125	63%		from runoff conc. table
chla	0.001	0.001	0.001	0.001		0.001	assumed

a - median values in permitted stormwater discharges, SFWMD Dept. of Regulation data

Input values are red (other cells are calculated).