

Concentrations Used to Compute Wastewater Loads from Keys

<u>Variable</u>	<u>Surface</u> <u>WWTP's (b)</u>	<u>GW</u> <u>WWTP's</u>	<u>Septic</u> <u>Tanks (c)</u>	<u>CessPits (c)</u>	<u>Live-Aboard</u> <u>Boats</u>	<u>Assumptions</u>	
tp	8.00	4.00	4.00	12.00	96.00		from wastewater conc. table
orthop	7.00	3.50	3.50	7.50	60.00		from wastewater conc. table
dip	7.25	7.25	7.25	7.25	7.25	0.25	(dip - orthop) / (tp-orthop)
dop	0.25	0.13	0.13	1.13	9.00	0.25	dop / (tp-orthop)
pip	0.25	0.13	0.13	1.13	9.00	0.25	pip / (tp-orthop)
pop	0.25	0.13	0.13	1.13	9.00	0.25	pop / (tp-orthop)
tn	41.00	20.50	22.50	34.00	272.00		from wastewater conc. table
nox	5.00	2.50	6.50	0.50	4.00		from wastewater conc. table
nh4	35.00	17.50	15.50	6.00	48.00		
orgn	1.00	0.50	0.50	27.50	220.00		
don	0.50	0.25	0.25	13.75	110.00	0.5	don / orgn
pon	0.50	0.25	0.25	13.75	110.00	0.5	pon / orgn
dca	5	5	5	5	5	5	assumed
pca	20	20	20	20	20	20	assumed
poc	5	5	5	5	5	5	assumed
doc	25	25	25	25	25	25	assumed
psio2	2	2	2	2	2	2	assumed
dsio2	2	2	2	2	2	2	assumed
alk	100	100	100	100	100	100	assumed
salin	500	500	500	500	500	500	assumed
tss	20	10	18	123	980		from wastewater conc. table
chl _a	0.001	0.001	0.001	0.001	0.001	0.001	assumed

Concentrations in ppm, after attenuation is considered.

Input values are red (other cells are calculated).