

Computed Wastewater Concentrations & Loads by Region

<u>Variable</u>	<u>Units</u>	<u>Loads to Bay</u>			<u>Total</u>	<u>Loads to Reef</u>			<u>Total</u>
		<u>Upper</u>	<u>Middle</u>	<u>Lower</u>		<u>Upper</u>	<u>Middle</u>	<u>Lower</u>	
Data File Label		WW_U_B	WW_M_B	WW_L_B		WW_U_R	WW_M_R	WW_L_R	
Total Flow	mgd	1.350	0.859	1.124	3.333	1.345	1.026	1.284	3.654
Total Flow	m3/sec	0.059	0.038	0.049	0.146	0.059	0.045	0.056	0.160
Total Flow	hm3/yr	1.867	1.189	1.555	4.612	1.861	1.419	1.776	5.057
tp	ppm	5.482	6.456	5.468	5.729	5.019	5.790	5.448	5.906
orthop	ppm	4.313	4.902	4.295	4.459	4.030	4.690	4.430	4.776
dip	ppm	0.292	0.389	0.293	0.317	0.247	0.275	0.255	0.282
dop	ppm	0.292	0.389	0.293	0.317	0.247	0.275	0.255	0.282
pip	ppm	0.292	0.389	0.293	0.317	0.247	0.275	0.255	0.282
pop	ppm	0.292	0.389	0.293	0.317	0.247	0.275	0.255	0.282
tn	ppm	24.675	27.361	24.652	25.360	23.424	27.167	25.811	27.755
nox	ppm	4.326	4.533	4.509	4.441	4.329	4.619	4.574	4.930
nh4	ppm	15.469	15.545	15.218	15.404	15.331	18.564	17.635	18.693
orgn	ppm	4.879	7.282	4.926	5.515	3.765	3.984	3.602	4.133
don	ppm	2.440	3.641	2.463	2.757	1.882	1.992	1.801	2.066
pon	ppm	2.440	3.641	2.463	2.757	1.882	1.992	1.801	2.066
dca	ppm	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.482
pca	ppm	20.000	20.000	20.000	20.000	20.000	20.000	20.000	21.929
poc	ppm	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.482
doc	ppm	25.000	25.000	25.000	25.000	25.000	25.000	25.000	27.412
psio2	ppm	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.193
dsio2	ppm	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.193
alk	ppm	100.000	100.000	100.000	100.000	100.000	100.000	100.000	109.647
salin	ppm	500.000	500.000	500.000	500.000	500.000	500.000	500.000	548.235
tss	ppm	32.685	43.661	33.229	35.699	27.783	29.829	27.922	31.147
chla	ppm	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
tp	mt/yr	10.238	7.678	8.502	26.42	9.339	8.219	9.679	27.24
orthop	mt/yr	8.054	5.830	6.678	20.56	7.498	6.658	7.870	22.03
dip	mt/yr	0.546	0.462	0.456	1.46	0.460	0.390	0.452	1.30
dop	mt/yr	0.546	0.462	0.456	1.46	0.460	0.390	0.452	1.30
pip	mt/yr	0.546	0.462	0.456	1.46	0.460	0.390	0.452	1.30
pop	mt/yr	0.546	0.462	0.456	1.46	0.460	0.390	0.452	1.30
tn	mt/yr	46.079	32.539	38.331	116.95	43.584	38.561	45.852	128.00
nox	mt/yr	8.079	5.391	7.011	20.48	8.054	6.557	8.125	22.74
nh4	mt/yr	28.888	18.487	23.662	71.04	28.525	26.350	31.328	86.20
orgn	mt/yr	9.112	8.661	7.659	25.43	7.005	5.654	6.398	19.06
don	mt/yr	4.556	4.330	3.829	12.72	3.503	2.827	3.199	9.53
pon	mt/yr	4.556	4.330	3.829	12.72	3.503	2.827	3.199	9.53
dca	mt/yr	9.337	5.946	7.774	23.06	9.303	7.097	8.882	25.28
pca	mt/yr	37.349	23.786	31.098	92.23	37.213	28.389	35.529	101.13
poc	mt/yr	9.337	5.946	7.774	23.06	9.303	7.097	8.882	25.28
doc	mt/yr	46.687	29.732	38.872	115.29	46.516	35.486	44.411	126.41
psio2	mt/yr	3.735	2.379	3.110	9.22	3.721	2.839	3.553	10.11
dsio2	mt/yr	3.735	2.379	3.110	9.22	3.721	2.839	3.553	10.11
alk	mt/yr	186.747	118.928	155.488	461.16	186.064	141.943	177.643	505.65
salin	mt/yr	933.733	594.638	777.439	2305.81	930.322	709.713	888.217	2528.25
tss	mt/yr	61.037	51.925	51.667	164.63	51.695	42.340	49.602	143.64
chla	mt/yr	0.002	0.001	0.002	0.00	0.002	0.001	0.002	0.01

Estimates are quantities reaching bay or reef, after attenuation.