

SCUDDER'S POND SUBWATERSHED PLAN

Table 2.4 – Pollutant Loading Calculations for the Scudder's Pond Subwatershed

Existing Annual Pollutant Loading														
Category	Constituent (Concentration/Loading)													
	Concentration (mg/l)	TSS (lbs/yr)	Concentration (mg/l)	TP (lbs/yr)	Concentration (mg/l)	TN (lbs/yr)	Concentration (1,000 col/ml)	F Coli (billion col/yr)	Concentration (ug/l)	Cu (lbs/yr)	Concentration (ug/l)	Pb (lbs/yr)	Concentration (ug/l)	Zn (lbs/yr)
Roads	172	30,951	0.55	99.0	1.4	252.0	37	3,034,410	25	4.5	51	9.2	173	31.1
Vacant Land	37	2,119	0.26	14.9	2	114.5	1.5	39,144	0.094	5.4	0.029	1.7	0.129	7.4
Residential	441	90,706	1.72	354	7.6	1,563.0	26.7	2,502,866	0.0243	5.0	0.0195	4.0	0.0108	22.2
Total Pollutant Loading		123,776		467.9		1,929.5		5,576,420		14.9		14.9		60.7
Pre-Development Annual Pollutant Loading														
Category	Constituent													
	Concentration (mg/l)	TSS (lbs/yr)	Concentration (mg/l)	TP (lbs/yr)	Concentration (mg/l)	TN (lbs/yr)	Concentration (1,000 col/ml)	F Coli (billion col/yr)	Concentration (ug/l)	Cu (lbs/yr)	Concentration (ug/l)	Pb (lbs/yr)	Concentration (ug/l)	Zn (lbs/yr)
Total Pollutant Loading	0	0	0.15	1.13	0.78	5.9	0	0	0	0	0	0	0	0
Target Pollutant Loading Reduction Goals														
Category	Constituent													
		TSS (lbs/yr)		TP (lbs/yr)		TN (lbs/yr)		F Coli (billion col/yr)		Cu (lbs/yr)		Pb (lbs/yr)		Zn (lbs/yr)
Total Pollutant Loading		123,776.0		466.8		1,923.6		5,576,420.0		14.9		14.9		60.7