

Figure 1
Lake Sagatagan
Phosphorus Loading Sources

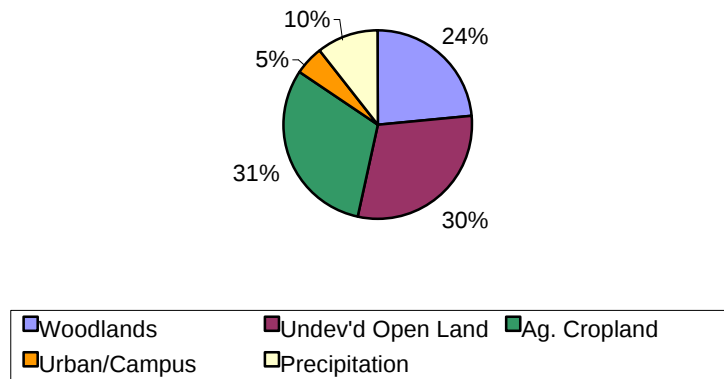


Figure 2
Lake Sagatagan
Relative Phosphorus Contributions by Land Use

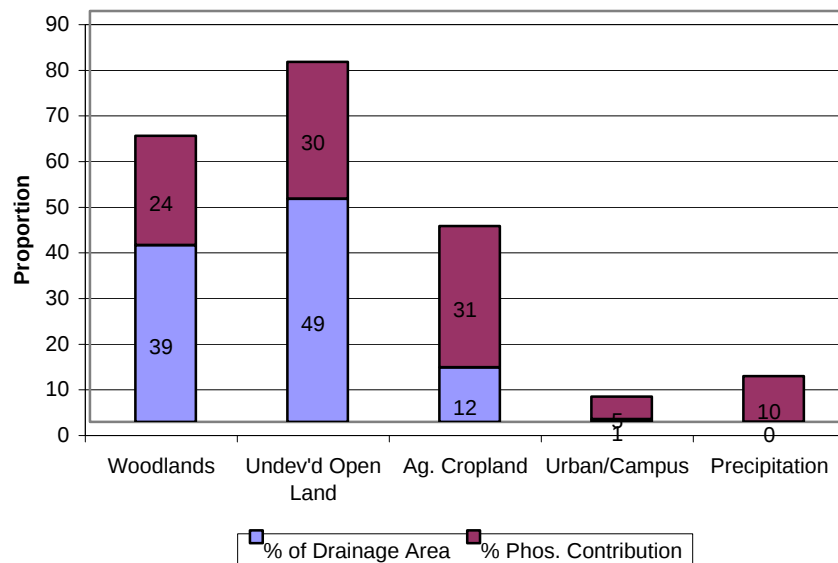


Figure 3
Stumpf Lake
Phosphorus Loading Sources

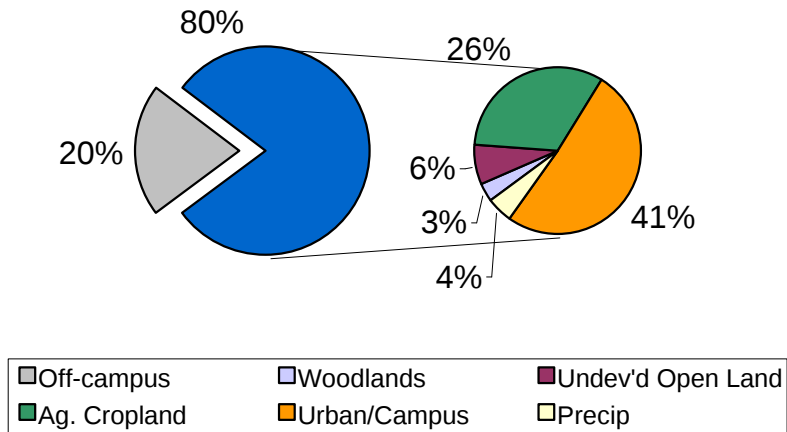


Figure 4
Stumpf Lake
Relative Contributions by Land Use

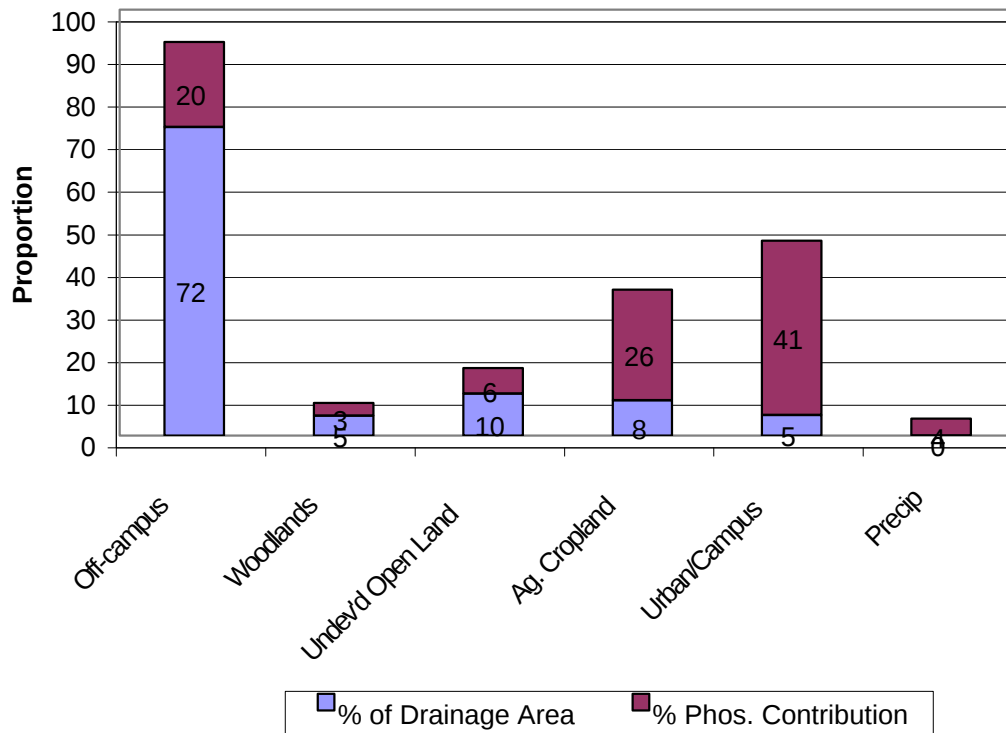


Figure 5
E. Gemini Lake
Phosphorus Loading Sources

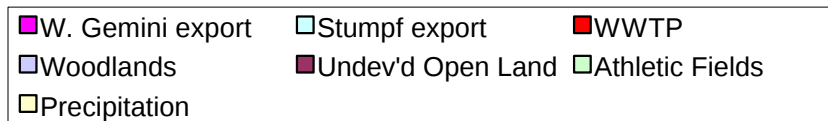
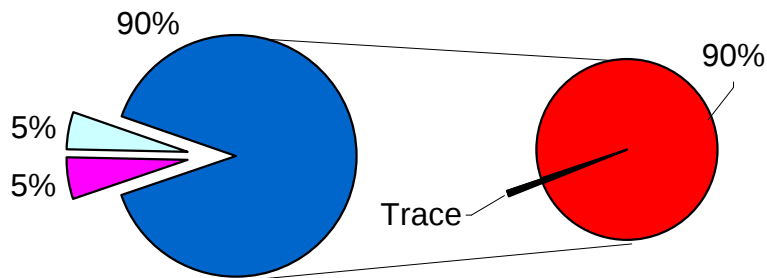


Figure 6
E. Gemini Lake
Relative Contributions by Land Use

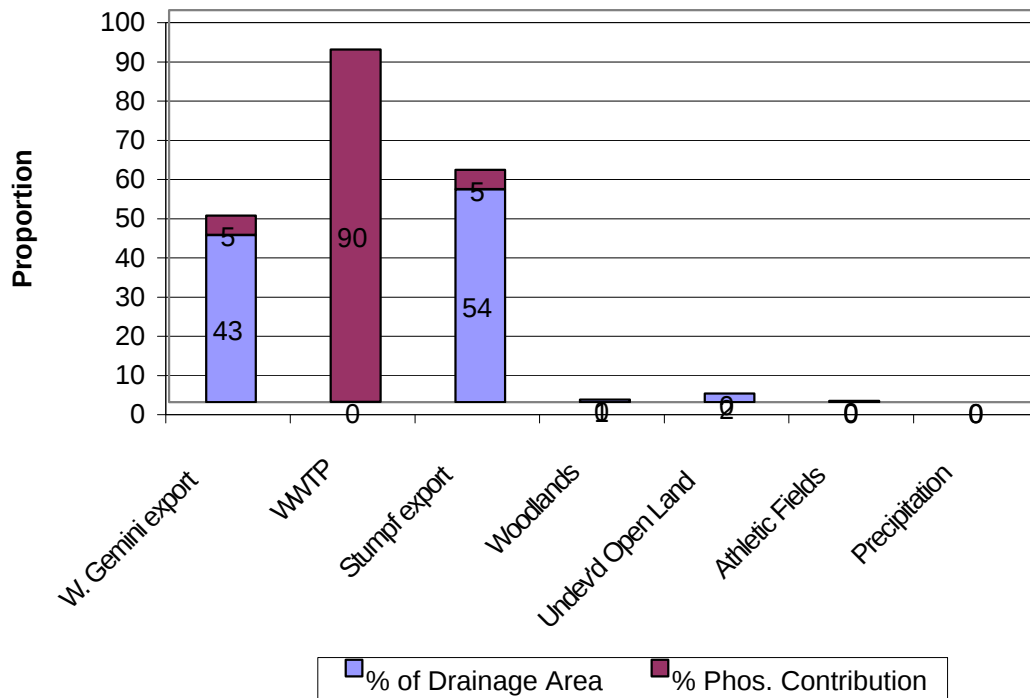


Table 1
PondNET Land Use Parameters

Sagatagan Drainage			
	P-concen. PPB	Runoff Coefficient	lbs/acre Loadings
Woodlands	200	0.08	0.16
Undeveloped Open Land	200	0.08	0.16
Agricultural Cropland	425	0.16	0.67
Urban/Campus	425	0.60	2.51
Stumpf and East Gemini Drainages			
	P-concen. PPB	Runoff Coefficient	lbs/acre Loadings
Woodlands	200	0.08	0.16
Undeveloped Open Land	200	0.08	0.16
Agricultural Cropland	450	0.18	0.80
Campus/Urban	375	0.58	2.14
Athletic Fields	400	0.10	0.39