

Table 16. Nutrient loads for Laurel Lake.

Variable	Total Phosphorus	Total Nitrogen
In-lake concentration (mg/l)	0.0175	0.68
Min. load g/m2/yr	0.12	4.61
In-lake Predictive Models		
Bachmann (N) g/m2/yr		7.98
Bachmann (N) kg/yr		5,328
Kirchner-Dillon (P) g/m2/yr	0.27	
Vollenweider (P) g/m2/yr	0.19	
Reckhow (general P) g/m2/yr	0.35	
Larsen and Mercier (P) g/m2/yr	0.24	
Jones and Bachman (P) g/m2/yr	0.24	
Average all phosphorus models g/m2/yr	0.26	
Average all phosphorus models kg/yr	173	
Vollenweider's permissible		
load g/m2/yr	0.26	
load kg/yr	174	
load mg/L	0.0383	
Vollenweider's critical		
load g/m2/yr	0.52	
load kg/yr	347	
load mg/L	0.077	