

LLRM results of subwatershed phosphorus loading for Lake Waukewan

Measurement (Lake Waukewan)	Sub-Watersheds							
	N.Wauk. Trib.	Reservoir Brook	Snake River ⁴	Birch Hill	Eastern Shore	EE Brook	Forest Hill	Mayo Shores
Calculated Water Output (m ³ /yr) ¹	1,003,611	1,749,664	9,086,493	259,911	319,732	329,707	388,450	439,033
Calculated Phosphorus Output (kg/yr) ²	15.6	28.0	52.5	14.0	6.1	3.5	5.4	11.6
Calculated P Concentration of Tributaries (µg/L) ³	16.0	16.0	6.0	54.0	19.0	10.0	14.0	26.0
Measurement (Lake Waukewan)	Otter Pond	Perkins Cove	Pollard Shores	Saywood Brook	Town Beach	Western Shore	Wauk. Islands	Wauk. Outlet
Calculated Water Output (m ³ /yr) ¹	716,168	664,331	350,269	1,551,918	350,594	676,936	65,270	159,571
Calculated Phosphorus Output (kg/yr) ²	3.8	9.3	13.8	23.4	11.4	15.5	0.4	0.9
Calculated P Concentration of Tributaries (µg/L) ³	5.0	14.0	39.0	15.0	33.0	23.0	6.0	6.0

¹Calculated volume of water from sub-basin

²Calculated phosphorus contribution from sub-basin

³LLRM Predicted - phosphorus concentration of tributary water

⁴Includes Lake Winona and its watershed

LLRM results of subwatershed phosphorus loading for Lake Winona.

Measurement (Lake Winona)	Sub-Watershed				
	Winona Direct	Bear Pond	Hawkins Pond Direct	North Winona Tributary	Winona East Tributary
Calculated Water Output (m ³ /yr) ¹	1,847,744	850,788	2,068,711	3,114,279	3,011,364
Calculated Phosphorus Output (kg/yr) ²	24.8	5.6	21.6	23.7	29.7
Calculated P Concentration of Tributaries (µg/L) ³	13.0	7.0	10.0	8.0	10.0

¹Calculated volume of water from sub-basin

²Calculated phosphorus contribution from sub-basin

³LLRM Predicted - phosphorus concentration of tributary water