

Current and Interim Regulation Phosphorus Loading Limits for York Region Wastewater Treatment Facilities in the Lake Simcoe Basin

Facility	Certificate of Approval Limits			Recommended Interim Limits		
	Flow (m3/d)	Phosphorus Concentration ¹ (mg/l)	Phosphorus Loading (kg/y)	Projected Flow ² (m3/d)	Phosphorus Concentration ³ (mg/l)	Phosphorus Loading (kg/y)
Keswick Water Pollution Control Plant	12,070	0.30	1,322	11,700	0.20	853
Sutton Water Pollution Control Plant	3,412	0.18	224	2,800	0.13	135
Schomberg Lagoons ⁴	683	0.30	75	683	0.30	75
Schomberg Water Pollution Control Plant ⁴	2,055	0.10	-	-	0.10	-
Holland Landing Lagoons ⁵	1,363		199	1,363	0.14	69
Mount Albert Water Pollution Control Plant	2,040	0.10	75	1,400	0.10	51
Total Phosphorus Loading (kg/y)			1,895			1,183
Total Phosphorus Loading (tonnes/y)			1.9			1.2

Notes:

¹ "Compliance" limit stipulated in Certificate of Approval

² Includes existing flows plus projected flows from already approved draft plan applications

³ "Objective" limit stipulated in Certificate of Approval

⁴ The Schomberg Water Pollution Plant is currently under construction and is scheduled to be commissioned by Q1 2 by Q1 2009. The Schomberg lagoons will be decommissioned with the operation of the new plant. Since the objective concentration of existing lagoon is higher then the objective concentration of the proposed water pollution control plant, the controlling limit will be based on the existing lagoon.

⁵ No compliance limit for phosphorus concentration within current CofA