

Table 4.6-2 Allowable Inflow Load to Patos Lake

RIVER NAME	Discharge	BOD			T-N			T-P			COD		
		Present	Reduction Rate	Inflow Load	Present	Reduction Rate	Inflow Load	Present	Reduction Rate	Inflow Load	Present	Reduction Rate	Inflow Load
	(m3/s)	(t/day)	(%)	(t/day)	(t/day)	(%)	(t/day)	(t/day)	(%)	(t/day)	(t/day)	(%)	(t/day)
Guaiba Lake	1841.3	250.8	20	200.6	184.1	20	147.3	28.6	20	22.9	2160.5	20	1728.4
Porto Alegre	13.4	21.7	20	17.4	12.3	20	9.8	3.6	20	2.8	32.4	20	25.9
P-7	5.3	10.1	20	8.0	6.3	20	5.0	1.7	20	1.4	0.5	20	0.4
Rio Camaqua	397.6	36.8	20	29.4	17.4	20	13.9	8.4	20	6.7	733.5	20	586.8
P-5	7.1	13.4	50	6.7	8.4	50	4.2	2.3	50	1.1	1.6	50	0.8
P-6	3.9	7.3	50	3.6	4.5	50	2.3	1.2	50	0.6	0.8	50	0.4
Canal do Sao Goncalo	539.6	91.2	20	73.0	43.4	20	34.7	7.6	20	6.1	1146.2	20	916.9
Rio Grande	2.5	4.5	50	2.2	2.7	50	1.4	0.8	50	0.4	5.5	50	2.8
M-7	4.7	8.5	20	6.8	5.2	20	4.1	1.4	20	1.1	9.9	20	7.9
Pelotas	7.5	14.2	50	7.1	8.9	50	4.4	2.4	50	1.2	0.9	50	0.4
Total	2823.0	458.4	22.6	354.9	293.1	22.5	227.1	58.0	23.5	44.4	4091.8	20.1	3270.8