

S8 Table. Eutrophication per ton of fish produced for the five sub-systems as a function of thermal growth coefficient (TGC) and feed conversion ratio (FCR). Qprod is the quota on annual production, Qannual_feed is on annual feed distributed, Qstock is on the daily biomass present on site and Qdaily_feed is on daily feed distributed.

		Eutrophication (kg PO ₄ -eq) / ton of fish)					
Quota	TGC	FCR	Feed production	Energy use	Equipment and facilities	Chemical used	Farm operation
Qprod	2.25	2.02	11.13	0.08	0.16	1.16	156.09
	2.33	2.02	11.13	0.08	0.16	1.16	156.19
	2.25	1.64	9.03	0.08	0.16	1.16	117.47
Qannual_feed	2.33	2.02	11.13	0.08	0.16	1.16	156.05
	2.25	2.02	11.13	0.08	0.16	1.16	156.16
	2.33	1.64	9.03	0.07	0.13	0.94	117.49
Qstock	2.25	2.02	11.13	0.08	0.16	1.16	155.98
	2.33	2.02	11.13	0.08	0.15	1.10	156.12
	2.25	1.64	9.02	0.08	0.16	1.16	117.26
Qdaily_feed	2.25	2.02	11.13	0.08	0.16	1.16	156.05
	2.33	2.02	11.13	0.08	0.16	1.12	156.19
	2.25	1.64	9.03	0.07	0.14	1.00	117.44