

**Universidad Nacional Autónoma de Nicaragua
Centro para la Investigación de Recursos Acuáticos de Nicaragua**

Efficiency Control - Summary of analysis

Source: Masaya Lagoon Nicaragua (sewage water)

	Parameter	Result water before filtration	Biofiltered water result	Units
Microbiology	Total Coliform	2,30 x 10 ²	< 1,8	NMP/100 ml
	Termotolerant Coliforms	7,9 x 10 ¹	< 1,8	NMP/100 ml
	E. coli	2,20 x 10 ¹	< 1,8	NMP/100 ml
Transparence	Cloudiness	7,05	0.85	UNT
Sediment	Total Suspended Solids	10	0.25	mg.l ⁻¹
Colour	True Color	5	<5	mg.l ⁻¹ Pt-Co
	Carbonate	18	<6	mg.l ⁻¹
	Total Alkalinity	214	168	mg.l ⁻¹
	Alcalinity to phenolphalein	15	<5	mg.l ⁻¹
	Total iron	0.20	0.04	mg.l ⁻¹
	Fluoride	0.41	<0.25	mg.l ⁻¹