

CUADRO N° A-1 VALORES MAXIMOS ADMISIBLES DE PARÁMETROS EN CUERPOS RECEPTORES

N°	PARAMETROS	UNIDAD	CANCERIGENOS	CLASE "A"	CLASE "B"	CLASE "C"	CLASE "D"
1	2	3	4	5	6	7	8
1	PH		NO	6.0 a 8.5	6.0 a 9.0	6.0 a 6.9.0	6.0 a 9.0
2	Temperatura	.C		+/-3°C de C receptor	+/-3°C de C receptor	+/-3°C de C receptor	+/-3°C de C receptor
3	Sólidos disueltos totales;	mg/l		1000	1000	1500	1500
4	Aceites y Grasas;	mg/l	NO	Ausentes	Ausente	0.3	1
5	DBO5	mg/l	NO	<2	<5	<20	<30
6	DQO	mg/l	NO	<5	<10	<40	<60
7	NMP Colifecales NMP	N/100ml	NO	<50 y <5 en 80%	<1000y<200 en 80%	<5000y<1000 en 80%	<50000y<5000en 80%
8	Parámetros	N/l		muestras	muestras de	muestras de	muestras de
9	Color mg Pt/1	mg/l	NO	<1	<1	<1	<1
10	Oxígeno disuelto	mg/l	NO	<10	<50	<100	<200
11	Turbidez	UNT	NO	>80% sat.	>70% sat.	>60% sat	>50% sat
12	Sólidos sedimentables	mg/l – ml/l	NO	<10	<50	<100 <2000***	<200 – 10000***
13	Aluminio	mg/l		<10 mg/l	<30 mg/l -0.1ml/l	<50mg/l -<1ml/l	100 - <1ml/l

14	Amoníaco	mg/l	NO	0.2 c. Al	0.5 c. Al	1.0 c. Al	1.0 c. Al
15	Antimonio	mg/l	NO	0.05 c. NH3	1.0 c. NH3	2 c. NH3	4 c. NH3
16	Arsénico total	mg/l	SI	0.01 c. Sb	0.01 c. Sb	0.01 c. Sb	0.01 c. Sb
17	Benceno	ug/l	SI	0.05 c. As	0.05 c. As	0.05 c. As	0.1 c. As
18	Bario	mg/l	NO	2.0 c. Be	6.0 c. Be	10.0 c. Be	10.0
19	Berilio	mg/l	SI	1.0 0.05 c. Ba	1.0 c. Ba	2.0 c. Ba	5.0 c. Ba
20	Boro	mg/l		0.001 c. B	0.001 c. Be	0.001 c. Be	0.001 c. Be
21	Calcio	mg/l	NO	1.0 c. B	1.0 c. B	1.0 c. B	1.0 c. B
22	Cadmio	mg/l	NO	200	300	300	400
23	Cianuros	mg/l	NO	0.005	0.005	0.005	0.005
24	Cloruros	mg/l	NO	0.02	0.1	0.2	0.2
25	Cobre	mg/l	NO	250 c. Cl	300 c. Cl	400 c. Cl	500 c. Cl
26	Cobalto	mg/l		0.05 c. Cu	1.0 c. Cu	1.0 c. Cu	1.0 c. Cu
27	Cromo Hexavalente	mg/l	SI	0.1 c. Co	0.2 c. Co	0.2 c. Co	0.2 c. Co
28	Cromo Trivalente	mg/l	NO	0.05 c. Cr total	0.05 c. Cr+6	0.05 c. Cr+6	0.05 c. Cr + 6
29	1.2 Dicloroetano	ug/l	SI		0.6 c. Cr+3	0.6 c. Cr+3	1.1 c. Cr +3
30	1.1 Dicloroetano	ug/l	SI	10.0	10.0	10.0	10.0

31	Estaño	mg/l	NO	0.3	0.3	0.3	0.3
32	Fenoles	ug/l	NO	2.0 c. Sn	2.0 c. Sn	2.0 c. Sn	2.0 c. Sn
33	Fierro Soluble	mg/l	NO	1c. C6H5OH	1 c. C6H5OH	5 c. C6H5OH	10 c. C6H5OH
34	Fluoruros	mg/l	NO	0.3 c. Fe	0.3 c. Fe	1.0 c. Fe	1.0 c. Fe
35	Fostato Total	mg/l	NO	0.6 –1.7 c. F	0.6 - 1.7 c. F	0.6 – 1.7 c. F	0.6-1.7 c. F
36	Magnesio	mg/l	NO	0.4 c. Orthofosf.	0.5 c. Orthofosf.	1.0 c. Orthofosf	1.0 c. Orthofosf
37	Manganeso	mg/l	NO	100 c. Mg	100 c. Mg	150 c. Mg	150 c. Mg
38	Mercurio	mg/l	NO	0.5 c. Mn	1.0 c. Mn	1.0 c. Mn	1.0 c. Mn
39	Litio	mg/l		0.001 Hg	0.001 Hg	0.001Hg	0.001 Hg
40	Níquel	mg/l	SI	2.5 c. Li	2.5 c. Li	2.5 c.Li	5 c. Li
41	Nitrato	mg/l	NO	0.05 c. Ni	0.05 c. Ni	0.5 c. Ni	0.5 c. Ni
42	Nitrito	mg/l	NO	20.0 c. N03	50.0 c. N03	50.0 c. N03	50.0 c. N03
43	Nitrógeno Total	mg/l	NO	<1.0 c.N	1.0 c. N	1.0 c. N	1.0 c. N
				5 c. N	12 c. N	12 c. N	12 c. N

N°	PARAMETROS	UNIDAD	CANCERIGENOS	CLASE A	CLASE B	CLASE C	CLASE D
1	2	3	4	5	6	7	8
44	Plomo	mg/l	NO	0.05 c. Pb	0.05 c. Pb	0.05 c. Pb	0.1 c. Pb

45	Plata	mg/l	NO	0.05 C. Ag	0.05 c. Ag	0.05 c. Ag	0.05 c. Ag
46	Pentaclorofenol	ug/l	SI	5.0	10.0	10.0	10.0
47	Selenio	mg/l	NO	0.01 c. Se	0.01 c Se	0.01c. Se	0.05 c. Se
48	Sodio	mg/l	NO	200	200	200	200
49	Sólidos flotantes			Ausentes	Ausentes	Ausentes	<ret.malla 1mm2
50	Sulfatos	mg/l	NO	300 c. SO4	400 c. SO4	400 c. SO4	400 c. SO4
51	Sulfuros	mg/l	NO	0.1	0.1	0.5	1.0
52	S.A.A.M (Detergentes)	mg/l		0.5	0.5	0.5	0.5
53	Tetracloroetano	ug/l	NO	10	10	10	10
54	Tricloroetano	ug/l	SI	30	30	30	30
55	Tetracloruro de carbono	ug/l	SI	3	3	3	3
56	2.4.6 Triclorefenol	ug/l	SI	10	10	10	10
57	Uranio Total	mg/l		0.02 c. U	0.02 c. U	0.02 c. U	0.02 c. U
58	Vanadio	mg/l	NO	0.1 c.V	0.1 c. V	0.1 c. V	0.1 c. V
59	Zinc	mg/l	NO	0.2 C. Zn	0.2 c. Zn	5.0 c. Zn	5.0 c. Zn
	PLAGUICIDAS	ug/l					

60	Aldrín – Dieldrín @	ug/l	SI	0.03	0.03	0.03	
61	Clordano @	ug/l	SI	0.3	0.3	0.3	0.03
62	D.D.T @	ug/l	SI	1.0	1.0	1.0	0.3
63	Endrín @	ug/l	NO		@	@	1.0
64	Endosulfan @	ug/l	NO	70	70	70	@
65	Heptacloro y heptacloripoxido @	ug/l	SI	0.1	0.1	0.1	70
66		ug/l	SI	3.0	3.0	3.0	0.1
67	Lindano (Gama – BMC) @	ug/l	NO	30	30	30	3.0
68	Metoxicloro	ug/l		2.0			30
69	Bifenilas Policloradas	ug/l	SI		0.001	0.001	
70	(PCB's):	ug/l	SI	0.01	0.01	0.01	0.001
71	Toxafeno @	ug/l	NO	0.1	0.1	0.1	0.05
72	Demeton:	ug/l	NO	0.01	0.01	0.01	0.1
73	Gution:	ug/l	NO	0.04	0.04	0.04	0.01
74	Malation	ug/l	NO	@	@	@	0.04
75	Paration @	ug/l			0.02	0.02	@

	Carbaril:						0.02
	Comp. Organofosforados y						
	Carbamatos totales:						
76	2.4-D:	ug/l	SI	100	100	100	
77	Herbicida:Chlorophanox	ug/l	SI	10.0	10.0	10.0	100
78	2.4.5-TP:Herbicida:Chlorophanox	ug/l	SI	2.0	2.0	2.0	10.0
	2.4.5 – T: @						2.0
	RADIACION	Bg/l	SI	0.1	0.1	0.1	
79	Radiación Alfa global	Bg/l	SI	1.0	1.0	1.0	0.1
80	Radiación beta global						1.0

NE No establece

@: Insecticidas de importación prohibida, no obstante siguen en uso

***Río en crecida