

Monitoreo Rio Salí - Cuenca Principal

Dirección de Recursos Hídricos - Tucumán

Año 2005

INDICE

Indice	Pag. 01
Rio Salí El Tala	Pag. 02
Rio Salí El Boyero	Pag. 03
Rio Salí San Vicente	Pag. 04
Rio Salí C/ Ruta 305	Pag. 05
Rio Salí Pte Lucas Cordoba	Pag. 06
Rio Salí c/ Ruta 321	Pag. 07
Rio Salí c/ Ruta 323	Pag. 08
Rio Salí Los Gomez	Pag. 09
Epilogo	Pag. 10

Río Salí El Tala Año 2005

Fecha Toma de Muestra	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Sept.	Oct.	Nov.	Dic.
pH			7,3	7,6	8,3	8	7,8	8	8,1	8	8,1	7
Cond. Eléct. Especif. a 25°C (us/cm)			219	151	185	340	400	386	399	426	422	353
Oxig. Disuelto (mg/l)			8,3	8,1	9	10,7	9	9,9	10,7	9,6	9,3	8,9
Oxig. Consumido KMnO4(mg/l)			---	---	---	---	---	---	---	---	---	---
D.B.O.5 A 20°C (mg/l)			<10	<10	---	<10	<10	<10	<10	<10	<10	<10
D.Q.O. (mg/l)			15	10	49	<5	<5	<5	16	<10	6	6
S.D.T ppm			---	---	---	---	---	---	---	---	---	---
Sól. Sediment. 10 min (mg/l)			<0,1	<0,1	<0,1	<0,1	<0,1	<0,1	<0,1	<0,1	<0,1	<0,1
Sól. Sediment. 2hs (mg/l)			<0,1	0,1	0,1	<0,1	<0,1	<0,1	<0,1	<0,1	<0,1	<0,1
Sól. Totales (mg/l)			---	---	---	---	---	---	---	---	---	---
Sól. Fijos (mg/l)			158	151	213	197	217	197	180	226	242	211
Sól. Volátiles (mg/l)			22	45	48	49	49	87	86	65	36	53
Dureza Calcica			---	---	---	---	---	---	---	---	---	---
Dureza Total (mg/l)			---	---	---	---	---	---	---	---	---	---
Turbiedad (NTU)			---	---	---	---	---	---	---	---	---	---
Resid. Flot. (mg/l)			---	---	---	---	---	---	---	---	---	---
Sulfatos (mg/l)			21	<5	6	34	44	43	41	44	54	39
Sodio (mg/l)			14	10	14	20	50	26	28	45	---	29
Potasio (mg/l)			1,5	2	1,5	2	2	2	2	3	---	2
Calcio (mg/l)			27	24	30	39	36	43	34	40	41	38
Magnesio (mg/l)			6,7	5	5	7	14	9	15	17	12	8
Cloruros (mg/l)			12	8	6	3	7	9	9	8	9	9
Alcalinidad (mg/l)			119	108	126	154	170	170	184	178	165	153
N. Nitrito (mg/l)			0,05	<0,025	0,025	<0,025	0,025	<0,025	<0,025	0,025	0,025	<0,025
N. Nitrate (mg/l)			0,6	0,9	5	0,4	0,7	0,7	<2,2	3,86	<2,2	1,5
N. Amonio (mg/l)			---	---	---	---	---	---	---	---	---	---
Ortofosfato (mgP/l)			<0,015	0,03	no se detecta	<0,015	<0,015	<0,015	<0,015	<0,015	<0,015	0,045
Ortofosfato (mg PO4/l)			<0,046	0,092	no se detecta	<0,046	<0,046	<0,046	<0,046	<0,046	<0,045	0,14
Nitrogeno T. (mg/l)			---	---	---	---	---	---	---	---	---	---
Fosforo T. (mg/l)			0,06	0,08	0,06	0,06	0,16	0,03	0,03	0,03	0,03	0,14
Fosforo T. (mg PO4/l)			0,18	0,25	0,18	0,18	0,5	0,092	0,092	0,092	0,092	0,43
SST			---	---	---	---	---	---	---	---	---	---
Salmonella			Ausencia	Ausencia	Ausencia	Ausencia	Ausencia	Ausencia	Ausencia	Ausencia	Ausencia	Ausencia
Pseudomona			Presencia	Ausencia	Presencia	Presencia	Presencia	Presencia	Ausencia	Ausencia	Presencia	Presencia
E. Coli			---	---	---	---	---	---	---	---	---	---
B. Coliformes Totales (100 ml)			240	>1100	43	93	14	43	23	1100	240	21
B. Coliformes Fecales (100 ml)			240	150	14	Ausencia	Ausencia	14	23	Ausencia	Ausencia	Ausencia

sin monitoreo

--- no se realizo el análisis de dato

Rio Salí El Boyero Año 2005

Fecha Toma de Muestra	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Sept.	Oct.	Nov.	Dic.
pH					8,8	8	7,9	8	8,2	8,1	8,2	---
Cond. Eléct. Especif. a 25°C (us/cm)					330	663	685	686	590	780	770	---
Oxig. Disuelto (mg/l)					6	8,9	8,7	9	9	9	9,1	---
Oxig. Consumido KMnO4(mg/l)					3,3	---	---	1,6	1,6	---	---	---
D.B.O.5 A 20°C (mg/l)					0,3	<10	<10	0,2	0,5	<10	<10	---
D.Q.O. (mg/l)					---	<5	<5	6	4,8	<10	<5	---
S.D.T ppm					---	---	---	---	---	---	---	---
Sól. Sediment. 10 min (mg/l)					---	<0,1	<0,1	---	---	---	<0,1	---
Sól. Sediment. 2hs (mg/l)					<0,1	<0,1	<0,1	<0,1	<0,1	<0,1	<0,1	---
Sól. Totales (mg/l)					257	---	---	505	460	<0,1	---	---
Sól. Fijos (mg/l)					153	390	359	314	364	443	487	---
Sól. Volátiles (mg/l)					104	57	74	191	96	77	6	---
Dureza Calcica					---	---	---	---	---	---	---	---
Dureza Total (mg/l)					---	---	---	---	---	---	---	---
Turbiedad (NTU)					---	---	---	---	---	---	---	---
Resid. Flot. (mg/l)					---	---	---	---	---	---	---	---
Sulfatos (mg/l)					32	25	90	55	27	91	117	---
Sodio (mg/l)					---	56	83	70,4	75,4	77	---	---
Potasio (mg/l)					---	4	4	3,1	3,7	4	---	---
Calcio (mg/l)					37	57	44	70,3	22,9	49	61	---
Magnesio (mg/l)					8	12	21	2,1	2,4	19	11	---
Cloruros (mg/l)					---	38	35	94,84	29,8	78	65	---
Alcalinidad (mg/l)					124	220	220	186	169,1	215	189	---
N. Nitrito (mg/l)					---	<0,025	<0,025	<0,005	<0,005	<0,005	<0,025	---
N. Nitrato (mg/l)					---	<0,4	1,2	---	---	2,12	2,4	---
N. Amonio (mg/l)					---	---	---	---	<0,4	---	---	---
Ortofosfato (mg/l)					<0,1	<0,015	<0,015	---	---	<0,015	<0,015	---
Ortofosfato (mg PO4/l)					---	<0,046	<0,046	---	---	<0,046	<0,045	---
Nitrogeno T. (mg/l)					2,9	---	---	2,3	---	---	---	---
Fosforo T. (mg/l)					---	0,14	0,08	---	---	0,045	0,03	---
Fosforo T. (mg PO4/l)					---	0,43	0,25	---	---	0,14	0,092	---
SST					---	---	---	---	---	---	---	---
Salmonella					---	Ausencia	Ausencia	---	---	Ausencia	Ausencia	---
Pseudomona					---	Presencia	Presencia	---	---	Presencia	Presencia	---
E. Coli					---	---	---	---	---	---	---	---
B. Coliformes Totales (100 ml)					---	43	9	40	400	14	23	600
B. Coliformes Fecales (100 ml)					---	Ausencia	Ausencia	4	40	<3	Ausencia	60

sin monitoreo

--- no se realizo el análisis de dato

Rio Salí San Vicente Año 2005

Fecha Toma de Muestra	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Sept.	Oct.	Nov.	Dic.
pH					8,2	7,8	8,2	8,2	8	8	8	---
Cond. Eléct. Especif. a 25°C (us/cm)					450	909	968	902	740	1030	1025	---
Oxig. Disuelto (mg/l)					6,1	10,7	8,9	9	9	9	7,7	---
Oxig. Consumido KMnO4(mg/l)					3,6	---	---	1,7	1,8	---	---	---
D.B.O.5 A 20°C (mg/l)					0,6	<10	<10	0,2	0,3	<10	<10	---
D.Q.O. (mg/l)					---	<5	<5	11	7,7	<10	6	---
S.D.T ppm					---	---	---	---	---	---	---	---
Sól. Sediment. 10 min (mg/l)					---	<0,1	<0,1	---	---	---	---	---
Sól. Sediment. 2hs (mg/l)					<0,1	<0,1	<0,1	<0,1	<0,1	<0,1	<0,1	---
Sól. Totales (mg/l)					367	---	---	660	640	<0,1	<0,1	---
Sól. Fijos (mg/l)					254	511	484	451	523	584	518	---
Sól. Volátiles (mg/l)					113	79	128	209	116	83	128	---
Dureza Calcica (mg/l)					---	---	---	---	---	---	---	---
Dureza Total (mg/l)					---	---	---	---	---	---	---	---
Turbiedad (NTU)					---	---	---	---	---	---	---	---
Resid. Flot. (mg/l)					---	---	---	---	---	---	---	---
Sulfatos (mg/l)					48	137	133	63	33	136	170	---
Sodio (mg/l)					---	92	121	96,3	122,4	115	---	---
Potasio (mg/l)					---	4	4	3,7	4,4	5	---	---
Calcio (mg/l)					44	57	59	42,5	26,3	56	59	---
Magnesio (mg/l)					8,6	12	19	8,3	3,4	15	11	---
Cloruros (mg/l)					---	100	289	192,49	93,1	125	123	---
Alcalinidad (mg/l)					140	195	221	168	173,5	210	173	---
N. Nitrito (mg/l)					---	0,025	0,025	<0,005	<0,005	<0,005	<0,025	---
N. Nitrate (mg/l)					---	0,8	0,5	---	---	10,32	3,9	---
N. Amonio (mg/l)					---	---	---	---	<0,4	---	---	---
Ortofosfato (mg/l)					<0,1	<0,015	<0,015	---	---	<0,015	<0,015	---
Ortofosfato (mg PO4/l)					---	<0,046	<0,046	---	---	<0,046	<0,045	---
Nitrogeno T. (mg/l)					3,1	---	---	3,3	---	---	---	---
Fosforo T. (mg/l)					---	0,015	0,06	---	---	0,06	0,03	---
Fosforo T. (mg PO4/l)					---	0,046	0,18	---	---	0,18	0,092	---
SST					---	---	---	---	---	---	---	---
Salmonella					---	Ausencia	Ausencia	---	---	Ausencia	Ausencia	---
Pseudomona					---	Presencia	Presencia	---	---	Presencia	Presencia	---
E. Coli					---	---	---	---	---	---	---	---
B. Coliformes Totales (100 ml)					---	43	21	40	200	43	14	900
B. Coliformes Fecales (100 ml)					---	9	Ausencia	4	20	<3	Ausencia	90

sin monitoreo

--- no se realizo el análisis de dato

Río Salí C/Ruta 305 Año 2005

Fecha Toma de Muestra	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Sept.	Oct.	Nov.	Dic.
pH				8	8,2	8,4	8,1		7,9	8,6	8,2	7,3
Cond. Eléct. Específ. a 25°C (us/cm)				890	890	1298	1253		1272	741	924	1288
Oxig. Disuelto (mg/l)				9	7	9,2	10,2		8,8	9	9	9
Oxig. Consumido KMnO4(mg/l)				12,5	6,7	---	---		---	---	3,2	4,3
D.B.O.5 A 20°C (mg/l)				4	6	<10	<10		<10	2,2	0,4	---
D.Q.O. (mg/l)				9,2	---	<5	19		16	16,15	20	23,12
S.D.T ppm				---	---	---	---		---	---	---	---
Sól. Sediment. 10 min (mg/l)				---	---	<0,1	<0,1		<0,1	---	---	---
Sól. Sediment. 2hs (mg/l)				<0,1	<0,1	<0,1	<0,1		<0,1	<0,1	<0,1	<0,1
Sól. Totales (mg/l)				310	656	---	---		---	747	744	802
Sól. Fijos (mg/l)				30	512	718	660		809	560	440	321
Sól. Volátiles (mg/l)				280	138	109	121		98	187	304	481
Dureza Calcica				---	---	---	---		---	---	---	---
Dureza Total (mg/l)				---	---	---	---		---	---	---	---
Turbiedad (NTU)				---	---	---	---		---	---	---	---
Resid. Flot. (mg/l)				---	---	---	---		---	---	---	---
Sulfatos (mg/l)				99	---	341	167		175	34	80	57,3
Sodio (mg/l)				123	---	147	194		152	139	157	171,7
Potasio (mg/l)				5	---	5	6		5	4,8	4,6	5,3
Calcio (mg/l)				43	---	71	92		74	22,35	28,6	29,3
Magnesio (mg/l)				14,6	---	16	no detecta		---	4,08	6,11	5,6
Cloruros (mg/l)				144	---	191	176		187	138	156	182,4
Alcalinidad (mg/l)				102	---	183	185		193	147	164	151,3
N. Nitrito (mg/l)				0,01	---	0,025	0,025		0,025	0,01	0,01	0,015
N. Nitrato (mg/l)				0,75	---	1,7	1,1		2,7	---	---	3
N. Amonio (mg/l)				1,34	---	---	---		---	1,75	0,58	1,02
Ortofosfato (mg/l)				0,1	---	<0,015	0,015		<0,015	---	---	---
Ortofosfato (mg PO4/l)				---	---	<0,046	0,046		<0,046	---	---	---
Nitrogeno T. (mg/l)				3,8	---	---	---		---	3,9	---	---
Fosforo T. (mg/l)				---	---	0,16	0,22		0,03	---	---	---
Fosforo T. (mg PO4/l)				---	---	0,5	0,68		0,092	---	---	<0,1
SST				---	---	---	---		---	---	---	---
Salmonella				---	---	Ausencia	Ausencia		Ausencia	---	---	---
Pseudomona				---	---	Presencia	Presencia		Presencia	---	---	---
E. Coli				---	---	---	---		---	---	---	---
B. Coliformes Totales (100 ml)				---	---	150	<3		43	400	---	460
B. Coliformes Fecales (100 ml)				---	---	Ausencia	Ausencia		<3	40	---	46

sin monitoreo

--- no se realizo el análisis de dato

Río Salí Pte Lucas Cordoba Año 2005

Fecha Toma de Muestra	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Sept.	Oct.	Nov.	Dic.
pH	---	---		7,9	7,8	7,3	6,3		6,8	6	7,9	7,6
Cond. Eléct. Especif. a 25°C (us/cm)	---	---		760	1010	1597	1530		1362	834	1029	1270
Oxig. Disuelto (mg/l)	---	---		8,6	4,7	0,5	0,2		<0,2	0	9	9
Oxig. Consumido KMnO4(mg/l)	---	---		12,2	10,5	---	---		---	---	19,5	5,9
D.B.O.5 A 20°C (mg/l)	---	---		6,7	2,1	---	34,4		314	315	28	
D.Q.O. (mg/l)	---	---		23	---	199	642		620	401	70	29,79
S.D.T ppm	---	---		---	---	---	---		---	---	---	---
Sól. Sediment. 10 min (mg/l)	---	---		---	---	1,3	3,4		6	---	---	---
Sól. Sediment. 2hs (mg/l)	---	---		1	<0,1	6	5,5		7	3	0,2	<0,1
Sól. Totales (mg/l)	---	---		790	733	---	---		---	1312	898	818
Sól. Fijos (mg/l)	---	---		647	570	895	944		849	998	561	438
Sól. Volátiles (mg/l)	---	---		143	163	251	388		393	314	337	380
Dureza Calcica	---	---		---	---	---	---		---	---	---	---
Dureza Total (mg/l)	---	---		---	---	---	---		---	---	---	---
Turbiedad (NTU)	---	---		---	---	---	---		---	---	---	---
Resid. Flot. (mg/l)	---	---		---	---	---	---		---	---	---	---
Sulfatos (mg/l)	---	---		180	---	159	249		185	36	89	58,5
Sodio (mg/l)	---	---		94	---	188	174		166	160	161	171,6
Potasio (mg/l)	---	---		6,2	---	12	47		24	18,4	22,5	5,4
Calcio (mg/l)	---	---		55	---	91	36		78	33,52	31,51	31,1
Magnesio (mg/l)	---	---		15,1	---	17	23		23	1,7	6,52	4,2
Cloruros (mg/l)	---	---		84	---	249	170		187	242	160	186,2
Alcalinidad (mg/l)	---	---		138	---	239	282		254	120	206	146,8
N. Nitrito (mg/l)	---	---		0,02	---	0,025	0,025		<0,025	0,06	<0,005	0,02
N. Nitrato (mg/l)	---	---		0,69	---	0,6	0,6		<2,2	---	---	1,7
N. Amonio (mg/l)	---	---		1,26	---	---	---		---	5,53	1,93	0,72
Ortofosfato (mg/l)	---	---		<0,1	---	0,015	0,15		0,2	---	---	---
Ortofosfato (mg PO4/l)	---	---		---	---	0,046	0,46		0,6	---	---	---
Nitrogeno T. (mg/l)	---	---		3,2	---	---	---		---	4,8	4,5	---
Fosforo T. (mg/l)	---	---		---	---	0,47	0,8		0,3	---	---	---
Fosforo T. (mg PO4/l)	---	---		---	---	1,43	2,5		0,92	---	---	---
SST	---	---		---	---	---	---		---	---	---	---
Salmonella	---	---		---	---	Ausencia	Ausencia		Ausencia	---	---	---
Pseudomona	---	---		---	---	Presencia	Presencia		Presencia	---	---	---
E. Coli	---	---		---	---	---	---		---	---	---	---
B. Coliformes Totales (100 ml)	2300	23000		---	---	>1100	2100		>1100	40000	---	20000
B. Coliformes Fecales (100 ml)	230	23000		---	---	140	13		<3	400	---	2000

sin monitoreo

--- no se realizo el análisis de dato

Río Salí C/Ruta 321 Año 2005

Fecha Toma de Muestra	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Sept.	Oct.	Nov.	Dic.
pH	---			7,6		6,8	6,8	7,1	7,2	6,6	7,3	
Cond. Eléct. Específ. a 25°C (us/cm)	---			710		1233	1281	1297	1345	1185	557	
Oxig. Disuelto (mg/l)	---			6,9		3,8	<0,2	2,2	<0,2	<0,2	3,7	
Oxig. Consumido KMnO4(mg/l)	---			9,5		---	---	---	---	---	---	
D.B.O.5 A 20°C (mg/l)	---			5,8		<10	134	248	252	17	<10	
D.Q.O. (mg/l)	---			15,8		49	344	452	430	573	148	
S.D.T ppm	---			---		---	---	---	---	---	---	
Sól. Sediment. 10 min (mg/l)	---			---		0,7	0,4	3,5	0,4	0,2	0,9	
Sól. Sediment. 2hs (mg/l)	---			2		0,5	0,9	3	1	0,4	2,5	
Sól. Totales (mg/l)	---			1.126		---	---	---	---	---	---	
Sól. Fijos (mg/l)	---			911		686	736	798	737	669	1135	
Sól. Volátiles (mg/l)	---			215		114	215	353	287	358	229	
Dureza Calcica (mg/l)	---			---		---	---	---	---	---	---	
Dureza Total (mg/l)	---			---		---	---	---	---	---	---	
Turbiedad (NTU)	---			---		---	---	---	---	---	---	
Resid. Flot. (mg/l)	---			---		---	---	---	---	---	---	
Sulfatos (mg/l)	---			100		176	140	91	93	68	96	
Sodio (mg/l)	---			96		---	142	151	148	156	60	
Potasio (mg/l)	---			10,8		---	38	41	41	28	8	
Calcio (mg/l)	---			49		78	88	88	80	79	38	
Magnesio (mg/l)	---			16		20	21	21	13	20	8	
Cloruros (mg/l)	---			84		5	139	153	167	6	61	
Alcalinidad (mg/l)	---			162		279	359	136	312	410	113	
N. Nitrito (mg/l)	---			0,12		0,5	0,025	0,025	<0,025	<0,025	0,5	
N. Nitrato (mg/l)	---			0,52		14,4	0,4	10	7,35	<2,2	<2,2	
N. Amonio (mg/l)	---			1,93		---	---	---	---	---	---	
Ortofosfato (mg/l)	---			<0,1		0,22	0,55	0,56	0,45	0,075	0,15	
Ortofosfato (mg PO4/l)	---			---		0,68	1,7	1,72	1,4	0,23	0,46	
Nitrogeno T. (mg/l)	---			3		---	---	---	---	---	---	
Fosforo T. (mg/l)	---			---		0,8	28	1,12	1,5	0,7	0,45	
Fosforo T. (mg PO4/l)	---			---		2,5	86	3,44	4,5	2,15	1,4	
SST	---			---		---	---	---	---	---	---	
Salmonella	---			---		Ausencia	Ausencia	Ausencia	Ausencia	Ausencia	Ausencia	
Pseudomona	---			---		Presencia	Presencia	Presencia	Presencia	Presencia	Presencia	
E. Coli	---			---		---	---	---	---	---	---	
B. Coliformes Totales (100 ml)	400000			---		1100	>11000	>1100	>1100	>1100	36	
B. Coliformes Fecales (100 ml)	40000			---		Ausencia	Ausencia	210	Ausencia	Ausencia	11	

sin monitoreo

--- no se realizo el análisis de dato

Río Salí C/Ruta 323 Año 2005

Fecha Toma de Muestra	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Sept.	Oct.	Nov.	Dic.
pH				7,8	8	7,1	7,2		6,4	6,8	7,6	
Cond. Eléct. Específ. a 25°C (us/cm)				530	985	994	1180		1338	1198	1018	
Oxig. Disuelto (mg/l)				7,9	7	5,7	0		<0,2	<0,2	0,1	
Oxig. Consumido KMnO4(mg/l)				9,2	---	---	59		---	---	36	
D.B.O.5 A 20°C (mg/l)				8,8	<10	<10	200		130	216	13	
D.Q.O. (mg/l)				34	30	68	105		579	452	61	
S.D.T ppm				---	---	---	---		---	---	---	
Sól. Sediment. 10 min (mg/l)				---	0,2	0,3	---		4	3	---	
Sól. Sediment. 2hs (mg/l)				1,5	0,3	0,8	3		3	3	4	
Sól. Totales (mg/l)				780	---	---	1032		---	---	1004	
Sól. Fijos (mg/l)				184	593	577	673		1044	728	609	
Sól. Volátiles (mg/l)				796	93	137	359		294	360	395	
Dureza Calcica				---	---	---	---		---	---	---	
Dureza Total (mg/l)				---	---	---	---		---	---	---	
Turbiedad (NTU)				---	---	---	---		---	---	---	
Resid. Flot. (mg/l)				---	---	---	---		---	---	---	
Sulfatos (mg/l)				130	123	114	49		90	52	45	
Sodio (mg/l)				69	58	151	120		---	146	105	
Potasio (mg/l)				6,8	9	13	27,49		---	22	16	
Calcio (mg/l)				42,2	72	65	74		72	72	25	
Magnesio (mg/l)				11,3	18	21	22,4		21	18	7,3	
Cloruros (mg/l)				39	102	97	106		179	167	93	
Alcalinidad (mg/l)				135	270	269	380		51	347	197	
N. Nitrito (mg/l)				0,03	0,1	0,15	---		<0,025	<0,025	0,005	
N. Nitrato (mg/l)				0,37	---	7,6	---		<2,2	<0,4	1,32	
N. Amonio (mg/l)				0,36	---	---	---		---	---	23	
Ortofosfato (mg/l)				0,2	0,23	0,14	---		0,75	0,275	---	
Ortofosfato (mg PO4/l)				---	0,7	0,43	---		2,3	0,85	---	
Fosfato mg/l											1,2	
Nitrogeno T. (mg/l)				3,1	---	---	---		---	---	3,7	
Fosforo T. (mg/l)				---	0,45	0,7	---		1,5	0,7	---	
Fosforo T. (mg PO4/l)				---	1,4	2,15	---		4,6	2,15	---	
SST				---	---	---	---		---	---	---	
Salmonella				---	Ausencia	Ausencia	---		Ausencia	Ausencia	---	
Pseudomona				---	Presencia	Presencia	---		Presencia	Presencia	---	
E. Coli				---	---	---	---		---	---	---	
B. Coliformes Totales (100 ml)				---	>1100	>1100	800000		>1100	<3	4000	
B. Coliformes Fecales (100 ml)				---	>1100	Ausencia	80000		<3	Ausencia	400	

sin monitoreo

--- no se realizo el análisis de dato

Río Salí Los Gomez Año 2005

Fecha Toma de Muestra	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Sept.	Oct.	Nov.	Dic.
pH					7,6		7,4		7,4	7,5	7,4	
Cond. Eléct. Especif. a 25°C (us/cm)					527		760		640	1025	1072	
Oxig. Disuelto (mg/l)					---		1,5		0,5	<0,2	<0,2	
Oxig. Consumido KMnO4(mg/l)					---		30		71	---	---	
D.B.O.5 A 20°C (mg/l)					---		160		114	56	23	
D.Q.O. (mg/l)					12		137		164	356	111	
S.D.T ppm					---		---		---	---	---	
Sól. Sediment. 10 min (mg/l)					<0,1		---		---	3	2	
Sól. Sediment. 2hs (mg/l)					0,1		6		4	3,5	2,5	
Sól. Totales (mg/l)					---		869		952	---	---	
Sól. Fijos (mg/l)					413		597		764	639	567	
Sól. Volátiles (mg/l)					78		272		188	287	186	
Dureza Calcica					---		---		---	---	---	
Dureza Total (mg/l)					---		---		---	---	---	
Turbiedad (NTU)					---		---		---	---	---	
Resid. Flot. (mg/l)					---		---		---	---	---	
Sulfatos (mg/l)					68		23		29	19	103	
Sodio (mg/l)					59		79,52		107,5	102	116	
Potasio (mg/l)					9		26,8		27,5	40	25	
Calcio (mg/l)					45		64		26,1	68	74	
Magnesio (mg/l)					10		14,6		5,2	19	18	
Cloruros (mg/l)					53		68		74,5	12	109	
Alcalinidad (mg/l)					179		290		222,5	392	318	
N. Nitrito (mg/l)					0,15		---		<0,005	<0,025	0,025	
N. Nitrato (mg/l)					<0,1		---		---	<0,4	<2,2	
N. Amonio (mg/l)					---		---		<0,4	---	---	
Ortofosfato (mg/l)					0,15		---		---	0,8	0,55	
Ortofosfato (mg PO4/l)					0,46		---		---	2,5	1,7	
Nitrogeno T. (mg/l)					---		---		4,2	---	---	
Fosforo T. (mg/l)					0,45		---		---	2	0,8	
Fosforo T. (mg PO4/l)					1,4		---		---	6,25	2,5	
SST					---		---		---	---	---	
Salmonella					Ausencia		---		---	Ausencia	Ausencia	
Pseudomona					Presencia		---		---	Presencia	Ausencia	
E. Coli					---		---		---	---	---	
B. Coliformes Totales (100 ml)					>1100		40000		40000	>1100	36	
B. Coliformes Fecales (100 ml)					14		40000		4000	28	Ausencia	

sin monitoreo
 --- no se realizo el análisis de dato

Epilogo

Analisis realizados por la E.E.A.O.C Bajo normas ISO 9001:2000

Dpto Calidad de Agua

Ing Agr. Maria del Carmen Gonzalez

Ing Agr. Maria Noe Riat

Ing. Quimico Miguel Diaz

Tec. Ulises Montalvan

Tec. Juan Pourrieux

Tec. Emiliano Grignola

Secr. Mariana Jaime

Documento PDF creado por Juan A. Pourrieux